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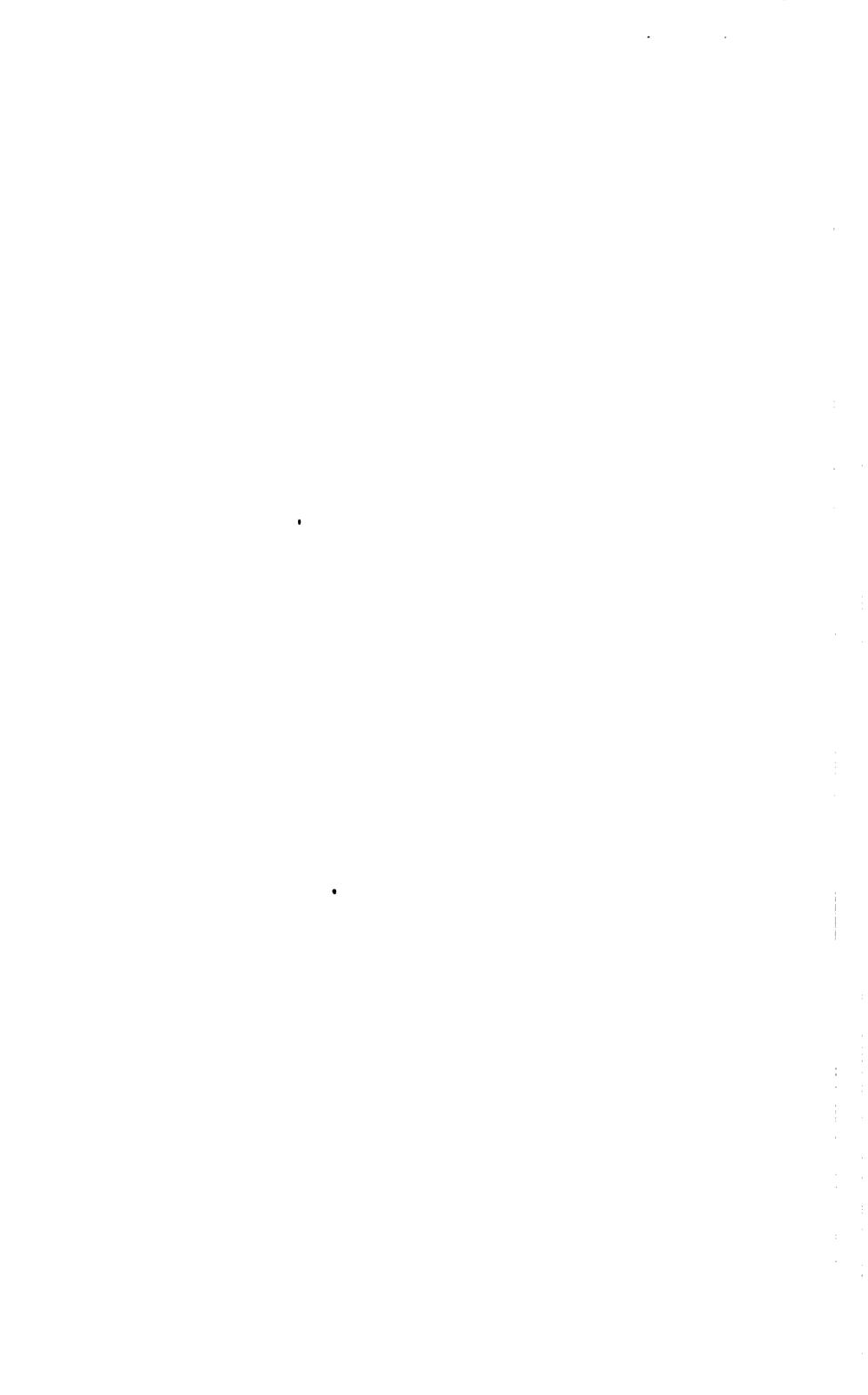
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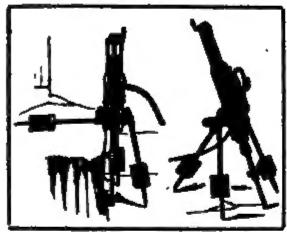
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- The Metallurgy of Gold: A Practical Treatise on the Treatment of Gold Bearing Ores. By M. Eissler. Illustrated. 16 -
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- A Text Book of Elementary Metallurgy. By A. H. Sexton. Illustrated. 67-
- An Elementary Text Book of Metallurgy. By E. L. RHEAD, Illustrated. 3 6.
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- Metalliferous Minerals and Mining, a Treatise on. By D. C. Davies. Illustrated. 12,6.
- A Treatise on Earthy Minerals and Mining: By D. C. DAVIES. Illustrated. 126.
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- The Prospector's Handbook: A Guide for the Prospector in search of Metal Bearing Minerals. By J. W. Anderson. Illustrated. 8/6.
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OF

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1897.

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In reply to yours of the 21st instant, we beg to say that the three Belts which we procured from you, namely 24 in. Double, 24 in. three ply, and 14 in. three ply, have all been in active work for the past 13 months. They have done the work required of them satisfactorily, and so far there are no appearances of them wearing out.

Yours very truly,
A. STEWART,

General Manager.

P.S.—These Belts were required to work continuously night and day.

Mount Morgan Gold Mining Company Limited,

GENERAL MANAGER'S OFFICE, MOUNT MORGAN.

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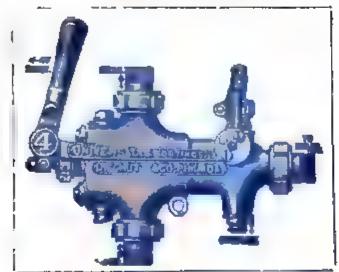
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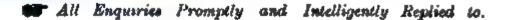
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PREFACE.

"The first issue will be full of errors and omissions, but must be an infinite improvement on none at all: and a platform from which future perfection may be reached." Such were the words of wise encouragement with which the mention of our intention to publish this modest volume was greeted by Mr. Harrie Wood, late Under Secretary for Mines.

With a full knowledge that the first portion of the prophecy has been amply fulfilled and the hope that, with the continuation of the kindly assistance we have so universally received, the second may be, we offer it to the public.

The information contained is the result of over five thousand enquiries and is so various as to embrace the record of the Broken Hill Proprietary Co., Ltd., with its £6,512,000 of dividends, and that of a Coal Mine worked by its Proprietor in his spare time.

Two facts must strike the most casual consultor of these pages; the vast mineral resources of New South Wales; and the tenacious hopefulness of her mine owners. Paramount in the Southern Hemisphere in her Coal, rivalling the Old and New World in her Diamonds and Opals, equalling South Africa in her Gold, with Copper in infinite abundance and in Silver well-nigh supreme, New South Wales is surpassed by no territory in the variety of her mineral resources.

Mining has been supposed to be a speculation: our readers may assure themselves it is a science. It has been credited with a foundation of lies: the following pages disclose a self-depreciating veracity in advertisement which no other trade and few professions can equal.

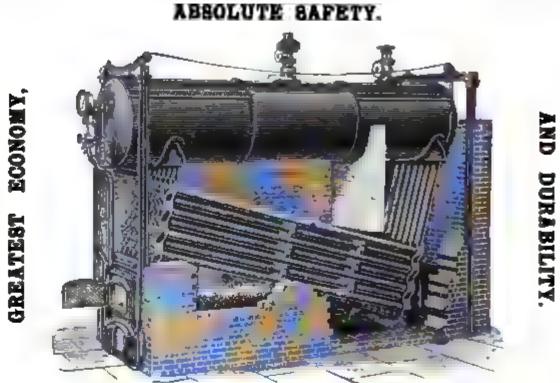
In hope that it may be judged in a measure by our intentions we commend the first issue of the MINES OF NEW SOUTH WALES to those having need of it.

C. W. CARPENTER.

Sydney,

December, 1897.

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GEOGRAPHICAL SECTION.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information though our letters have not been returned.)

Albert Mining District.

Broken Hill is the only Division within the Albert Mining District where silver is found in payable quantities, and at the same time is the principal seat of silver-mining in Australasia. The famous mine owned by the Broken Hill Proprietary Company, Limited, employed on an average 2,582 men during 1896 and produced 420,747 tons of ore, from which silver, lead, copper, and gold were obtained to the value of £1,354,287 9s. 6d. The Broken Hill South Company raised 66,272 tons, which produced 22,517 tons of silver-lead concentrates, valued at £180,136; Block 14 Company, 71,583 tons, valued £278,628: the British Block Company, 58,000 tons valued at £116,000; Block 10 Company, 57,353 tons, valued at £286,762; Broken Hill Junction, 74,275 tons, valued at £395,153; the Junction North Company, 12,500 tons, valued at £100,000, and the North Broken Hill Company, 16,976 tons, valued at £33,752.

It is estimated that the value of the mineral product from this field during 1896 was as under:—

O			•				£	8.	d.
Roasted	sulphi	de of	silver	•••	132	tons	99,811	10	0
Matte	•••	• • •	•••	•••	1,652	,,	37,503	7	6
Silver le	ad bull	lion	•••	• • •	18,987	"	870,522	12	6
Concent	rates	•••	•••	•••	40,736	,,	325,888	0	0
Ore	•••	•••	•••	•••	331,412	**	1,635,683	10	0
Copper	•••	• • •	•••	• • •	570	"	29,070	0	0
Gold	•••	•••	•••	•••	4,389	OZ.	17,117	2	0
					•		40.01.15.40		

£3,010,546 2 v

These figures present a satisfactory account of the progress of the field, and should tend to inspire confidence in its stability and productiveness. The improved methods for treating the sulphide ore now being introduced will benefit the mines greatly. The Proprietary Company's new works which embrace the latest improvements, are now practically completed. The output of silver from this field during 1896 may be set down approximately at 19,592,943 oz., but as the silver is exported from the field to Europe in the form of silver-lead there is some difficulty in arriving at the exact quantity. The total quantity of ore raised on the field during the year 1896 was 828,366 tons.

The only gold won in the Broken Hill Division in 1896 was saved by the Broken Hill Proprietary Silver Mining Company in connection with their smelting operations, viz., 4389 oz., valued at £17,117.

In the MILPARINKA DIVISION the drought has affected the output of gold. In 1894 when water for mining was available the output was 2300 oz., but the drought in 1895 reduced the yield to 320 oz., and in 1896 to 977 oz. Most of the gold has been won by dry blowing, and when it is fine much of it is lost.

The Warratta Gold Field is situated about 200 miles north of Broken Hill. Good alluvial gold has been obtained at Mount Brown and Tibooburra, and also from Warratta, which is situated midway between these places. The gold-bearing country is about 40 miles long by six miles wide, and is part of the Great Barrier Ranges. The field may be described as in the transitory stage, that is, the alluvial gold is decining, and the reefs have not yet been worked in a thorough and systematic manner. The population is sparse, and to some extent migratory. The rainfall is slight, and the nearest railway is distant about 160 miles, but there can be no doubt that if many of the reefs in this locality were situated in a less remote part of the colony they would be yielding a substantial return.

THE WHITE CLIFFS OPAL FIELD, situated in the Wilcannia Division of the Albert Mining District, has made very satisfactory progress during the past twelve months. The stability of the field has been fully proved by the steady increase in the population since its opening. The principal gem merchants in Europe have now agents on the field for the purchase of opal, which is a great convenience to the miners. At the present time there are 400 miners on the field, and all the claims are being fully worked. But, owing

to the shifting nature of the population and the smallness of the claims, we have been unable to obtain information with the exception of that furnished by the White Cliff Opal Mines, Ltd. The value of the output for the year is estimated at £25,000. The price of opal has fallen considerably during the last few months.

BALACLAYA COPPER MINE.

BROKEN HILL DIVISION.

Prospecting work only is being carried on these claims.

Postal and Telegraphic Address: Moonta (S.A.)

BRILLIANT AMALGAMATED.

MILPARINKA DIVISION.

Proprietors: B. Ringrose and others, Milparinka.

Development: Some prospecting only has been done along the whole line of reef, which has proved satisfactory.

Yields: 22 dwts. to the ton from stone taken out under the supervision of an intending purchaser.

Area: 33 acres.

Postal and Telegraphic Address: Milparinka.

It is about two years since these reefs were discovered, but those interested would not accept reasonable offers made by capitalists desirous of purchasing at the time. The property is now being taken up again with the intention of forming a Company.

THE BRITISH BROKEN HILL PROPRIETARY COMPANY, LIMITED.

BROKEN HILL DIVISION.

Registered office: 110 Hamilton House, Bishopsgate-street Without, London, E.C.

Name of Mine: British Broken Hill Mine.

Date of Registration: 11th November, 1887.

Nominal Capital: £264,000.

Issued: 240,000 shares (ordinary), and 60,000 %s. shares (privileged), 300,000 shares fully paid up, ranking equally for dividends.

Dividends: One of 1s. per share, £15,000.

Directors: E. Russell Roberts (Chairman, London), H. Brandon (London), H. L. Rouse (London). Colonial Committee: W. H. Woodhead (Adelaide), Dr. W Barlow (Adelaide), W. J. Magarey (Adelaide).

Secretary: Thos. Millett, London.

Local Secretary: F. H. Clark, 10 Australasia Chambers, Adelaide.

Mine Manager: Jas. Retallick.

Development: Shafts, Drives, &c., and 400ft. Winding Machinery for same, Dressing Mill, capacity—300 tons per week; two Smelting Furnaces. each 100 tons.

Area: 10 acres.

Postal and Telegraphic Address of Mine: British Mine, Broken Hill.

BLOCK 87 SILVER MINING COMPANY, NO LIABILITY.

BROKEN HILL DIVISION.

This Company is now dormant, the owner of the Bill of Sale over the machinery having foreclosed. The legal manager was R. Stewart, Broken Hill.

BROKEN HILL BONANZA SILYER MINE COMPANY, NO LIABILITY.

BROKEN HILL DIVISION.

Registered office: 60 Queen-street, Melbourne.

Registered: 31st March, 1896.

Nominal capital: £50,000, divided into 100,000 shares of 10s. each; all shares are paid up to 2s.

Called up: 2s. per share.

Directors: Hon. J. H. Howe, Alexander Campbell, W. G. Sprigg, Charles Wilcox, W. M. Hyndman.

Legal Manager: Richard Ford.

Mining Manager: Arthur Paul.

Development: To 200ft. and crosscut; east, 137ft. from shaft; west, 180ft. from shaft.

Area: 234 acres 3r. 20p.

Postal and Telegraphic Address of Mine: A. Paul, Broken Hill Bonanza Silver Mines Company, No Liability, Broken Hill.

BROKEN HILL PROPRIETARY COMPANY, LIMITED.

BROKEN HILL DIVISION.

Head office: Equitable Buildings, 32 Collins-st., Melbourne.

Sydney office: Imperial Chambers, O'Connell-st., R. N. Kirk, agent.

Adelaide office: Broken Hill Chambers, L. A. Williams, agent.

Capital: £384,000 in 960,000 shares of 8s. each fully paid up.

Dividends: £6,512,000 (including bonuses) to date.

Directors: E. Neale Wigg (chairman), Bowes Kelly, John Darling, jr., D. W. Harvey Patterson, D. E. McBryde, H. C. E. Muecke, Wm. Knox.

London Board: T. Pyke, F. Dutton, W. Savill.

London Office: 3 Great Winchester-st., E.C. (J. J. Weston, Secretary).

General Manager: A. Stewart.

Assistant Manager: W. J. Koehler.

Secretary: F. M. Dickenson.

Assistant Secretary: C. L. Hewitt.

Mining Manager: E. J. Horwood; Chief Engineer, J. F. Pearson; Super-intendent of refinery and smelting works, Port Pirie; J. Jobson.

Bankers: The Bank of Australasia.

Port Pirie Agent: H. C. Warren.

Solicitors: Noale, Hamilton & Kiddle.

Development: Amount expended to May 81st, 1897, £242,097 19s. 3d.

Postal and Telegraphic Address of Mine: Broken Hill.

Area: Main leases, 120 acres; outside leases, 619a. 3r. 8p.

The returns for the four weeks ended October 14 were as follows:—Ore treated, 15,456 tons, for the following refinery products: Gold, 291 oz. fine; silver, 392,284 oz. fine; soft lead, 1256 tons; antimonial lead, 25 tons (estimated); also copper matte containing 12 tons copper (estimated); silver, 4858 oz. fine (estimated).

BROKEN HILL PROPRIETARY BLOCK 10 COMPANY, LIMITED.

BROKEN HILL DIVISION.

Registered office: 39 Queen-street, Melbourne.

Date of Registration: 14th March, 1888.

Nominal Capital: £1,000,000 in 100,000 shares of £10 each.

Amount called up: £9 13s.

Dividends: To March, £685,000, £6 17s. per share. Subsequent—April, May, June, July, and August, each 1s. November 17th, 8s.

Directors: D. E. Mcliryde (Chairman), North Brighton, Melbourne; Wm.

Jamieson, 31 Queen-street, Melbourne; Bowes Kelly, 70 Queen-street, Melbourne; Alex. Campbell, 39 Queen-street, Melbourne; H. Dodds, Grandview Grove, East Prahran, Melbourne. London Directors:

• Frank L. Cox and Thomas Pyke.

London Secretary: E. Habben, Finsbury House, London Wall, London, E.C. Secretary: John Brandon.

Local Agent: R. N. Kirk, Imperial Chambers, 16 O'Connell st., Sydney.

Mine Manager: John Warren.

The net profits earned for the half-year ended 31st March, 1897, amounted to £28,340, out of which four dividends were paid, absorbing £20,000. The various bodies of sulphide ores existing in the mine are reported to be looking as bright and massive as they ever did.

BROKEN HILL PROPRIETARY BLOCK 14 COMPANY, LIMITED. BROKEN HILL DIVISION.

Registered office: 89 Queen-street, Melbourne.

Sydney office: R. N. Kirk, Imperial Chambers, 16 O'Connell-st., Sydney.

Adelaide office: Davenport Chambers, Currie-street.

Date of Registration: 18th February, 1887.

Nominal Capital: £500,000 in 100,000 shares of £5 each.

Called up: Fully paid.

Dividends: From 22nd May, 1889, to 19th February, 1890, 9 of 1s. 6d. per share. From 23rd July, 1890, to 8th July, 1891, 12 of 1s. per share. From 15th July, 1891, to 9th December, 1891, 5 of 1s. 6d. per share. From 16th December, 1891, to 9th December, 1892, 3 of 2s. per share. From 16th March, 1892, to July 18, 1892, 4 of 1s. 6d. per share. From 8rd May, 1897, to 25th August, 1897, 9 of 1s. per share. 24th November, 1897, 1s. per share.

Directors: B. A. Moulden, Eagle Chambers, Adelaide; A. W. Dobbie, Gawler Place, Adelaide; W. Beckford, Curry-street, Adelaide; E. Laughton (Managing Director), Curry-street, Adelaide; T. Ingram, Domain-road, South Yarra, Melbourne; H. Patterson, 320 Collins-street, Melbourne; A. Campbell, 39 Queen-street, Melbourne.

Secretary: John Brandon.

General Manager: T. J. Greenaway.

Business Manager at Mine: Duncan Maclaren.

During the last half-year two dividends amounting to £10,000, and the sums of £7,755 6s. 3d. for erecting plant and machinery, and £8,937 for mine development have been paid, while the liquid assets have increased by £3,944. The weekly output has been increased from 1,700 tons to 2,500 tons.

BROKEN HILL JUNCTION SILVER MINING COMPANY, LIMITED. BROKEN HILL DIVISION.

Registered office: 39 Queen-street, Melbourne.

Adelaide office: 1-7 Australian Mutual Provident Society Buildings, King William-street. Secretary: A. H. Scarfe.

London office: 20 Billeter square Buildings. Secretary: Chas. F. Rotheran.

Registered: 20th May, 1886.

Nominal Capital: £'00,000 (100,000 shares at £1.)

Called up: Fully paid.

Dividends: From 11th November, 1890, to 29th April, 1897, 17 dividends of 1s. per share.

Directors: Hon. J. H. Howe, Bennett Johns, Geo. F. Ind, R. Murray, W. H. Beaglehole, Adelaide. W. Essington, National Mutual Buildings, Collins-street, Melbourne.

Secretary: Thomas Rollason.

Mine Manager: Joel Phillips.

Development: To March 81st, 1897, £72,148.

For the half-year ending 31st March, 1897, the total earnings amounted to £93,50313s. 6d., whilst the total expenditure was £44,7599s. 11d., leaving a profit of £48,7498s. 7d. From this the sum of £80,000 has been distributed in monthly 1s. dividends, while the value of machinery and plant

and permanent works in the mine has been considerably added to. Although during the past 12 months 40,000 tons of second grade ore have been taken out of the mine, there is still more ore in sight than at that time, and further supplies can be opened up. This estimate does not include the ore bodies at King's Shaft, or even anything south of Browne's 675-ft. crosscut.

BROKEN HILL JUNCTION NORTH MINING COMPANY, LIMITED. BROKEN HILL DIVISION.

Registered office: 859 Collins-st., Melbourne.

Registered: 10th August, 1896.

Nominal Capital: £300,000 in 150,000 shares of £2 each.

Issued: 128,955 shares.

Called up: £2.

Dividends Paid: £25,791; last April, 1897. Extract from report for half-year ending 31st March, 1897:—"In view of the policy of development

"which your Board propose to carry out, the erection of the concentrating

"plant, and the vital importance of providing for contingencies which

"cannot be foreseen in a mine of such magnitude as the Junction-your

"Directors have not declared a dividend for May. They propose to defer

"the payment of dividends in future as they may think advisable, in order

"to accumulate a substantial reserve fund."

Directors: Haliburton Sheppard (chairman), Dr. F. G. Hamilton, Alex. Campbell, H. W. Staughton, W. H. Rigby, H. W. Fiedler, J. Gee.

Legal Manager: John C. Wharton.

Mine Manager: Joel Phillips.

Accountant: R. Ross.

Development: Shaft sunk 770ft., equipped with hauling machinery to carry to a depth of 2000ft. A concentrating plant is being erected to treat 1000 tons of ore per week.

Area: 40 acres.

Postal and Telegraphic Address of Mine: Broken Hill.

The Company has been putting out large quantities of friable sulphides of a grade 30 oz. silver, 33 % lead, and there is an enormous body of milling sulphides of from 22 oz. to 26 oz. silver, and 24 % to 28 % lead, still available.

THE BROKEN HILL ORE RECOVERY COMPANY, NO LIABILITY.

BROKEN HILL DIVISION.

Registered office: 68½ Pitt-st., Sydney.

Mines: The Rising Sun and The Rising Sun Extended Silver Mines on the White Lead at Broken Hill, The Black Prince Silver Mine, Purnamoota.

Registered: 9th May, 1896.

Nominal Capital: £15,000 in 60,000 shares of 5s. each.

Issued: 60,000 shares.

Called up: 2s. 3d. per share.

Directors: G. S. Arthur, F. O. Furner, John Bennett, Sydney.

Legal Manager: Samuel MacDonnell.

Mine Manager: W. C. Ellis.

Development: Many shafts varying to 200ft. Much valuable ore has been won from these mines.

Area: 113 acres.

Postal and Telegraphic Address of Mine: Purnamoota.

BROKEN HILL SOUTH SILVER MINING COMPANY, NO LIABILITY.

BROKEN HILL DIVISION.

Registered office: 60 Queen-st., Melbourne.

Registered: 11th October, 1893.

Nominal Capital: £200,000 in £1 shares, of which 121,088 fully paid up, and 78,962 are paid up to 2s. 6d.

Called up: 2s. per share on 78,962 shares.

Dividends Paid: Three of 6d. per share amounting to £15,000.

Directors: Hon. J. F. Derien, W. M. Hyndman, E. Langton, F. C. Howard, A. E. Clarke, W. R. Green, B. A. Moneden, L. A. Jessop.

Legal Manager: Richard Ford.

Mine Manager: S. Mayne.

Other officers: J. Greenway, Metallurgist; D. Edwards, Mechanical Engineer; A. E. Gibson, Accountant at Mine.

Development: To 835ft. concentrating plant, including 4 jigs and ten buddles.

Area: 189 acres 2r. 10p.

Postal and Telegraphic Address of Mine: E. J. Gibson, South Broken Hill.

THE CENTRAL MINE, BROKEN HILL.

BROKEN HILL DIVISION.

Proprietors: The Sulphide Corporation (Ashcroft's Process) Ltd.

Melbourne office: 34 Queen-street.

Secretary: Joshua Butterworth.

Directors: The Right Hon. the Earl of Kintore, G.C.M.G., Hon. Henry

Lloyd Gibbs, J. H. Lukach, G. Macfarlane Read, London.

THE DIAMOND JUBILEE MINING COMPANY, NO LIABILITY.

BROKEN HILL DIVISION.

Registered: October, 1897.

Nominal Capital: £2,500 in 250 shares of £10 each, of which 125 shares allotted to the vendors in full payment for the property, and 75 shares offered the public at £2 10s. per share on application, and £2 10s per share on allotment; balance in calls not exceeding £1 per share per month—50 shares to be held in reserve.

Directors: Messrs. Jno. Dunstan, J.P., Broken Hill (Chairman), T. Hall, J.P., Deputy Coroner, Broken Hill, Chas. Webster, Broken Hill, Jno. Jno. Firth, Broken Hill, and A. H. Allen, J.P., Broken Hill.

Secretary: A. J. O'Connor.

Mine Manager: R. H. Trezise.

Development: Three open cuttings, and one shaft 65ft. in depth. No machinery at present, but arrangements are being made for battery and cyanide plant.

Yields: 20 tons; (trial shipment) 17 dwts. gold, 19 % copper; lode, 350 yards wide.

Area: 160 acres.

Postal and Telegraphic Address: Silverton.

The 20 tons of ore referred to is all that has been despatched, the present Company having but lately come into existence, and it was sent merely to test the bulk value. There are thousands of tons of similar ore. The claim is 23 miles north of Silverton, and almost adjoining the Yuba S. M. Coy.'s property.

GOLDEN KING GOLD MINE.

TIBOOBURRA DIVISION.

Proprietors: John Forrest, W. Porter, and others.

Development: Shaft sunk 70ft.

Yields: Crushed at local battery 7½ tons for 1½ oz. per ton; 50 tons of stone

at grass.

Area: 10 acres.

Postal and Telegraphic Address: Tibooburra.

There is room for hundreds of men on this field. Scores of claims are opened up. Proper machinery, however, is required to treat the stone. In some claims the ore is mineralized, and the latest machinery is needed to save the gold.

HAILSTONE CLAIM.

TIBOOBURRA DIVISION.

Proprietor: T. E. Godier.

Development: Shaft, 100ft.; about 50ft. driving; cross-cuts, about 700ft.

Area: 10 acres.

Postal and Telegraphic Address: Tibooburra.

The appliances available will not save more than half the gold, and proper crushing machinery is required to prove the claim.

* THE HARD-UP CLAIM, MOUNT BROWN, WILCANNIA.

Reported to have washed 11 loads for an average yield of 22 dwts. to the load. The alluvial workings in this locality have suffered much from want of water during this year.

HOUSES' REWARD PROPRIETARY.

MILPARINKA DIVISION.

Mine: Houses' Reward Proprietary.

Proprietors: 256 shares. Various owners. Registered in Warden's office

in Milparinka.

Secretary: T. W. Chambers.

Development: Only prospecting done.

Yields to date: About 300 tons have been crushed at the Public Battery, yielding from 1 to 6 ozs. to the ton; average, 2½ ozs. to the ton.

Area: 5 acres.

Postal and Telegraphic Address: Milparinka.

The majority in number of shareholders desire to form a company, so as to get machinery on the ground. At present the stone has to be carted 10 miles.

KESSLEY'S PROSPECTING CLAIM, WARRATTA EAST.

MILI'ARINKA DIVISION.

Proprietors: Kessley and Williams, Milparinka.

Manager: Richard Dawes.

Mine Manager: George Kessley.

Development: 2 shafts, 1 down 50ft., 1 down 30ft; also drives 30ft.

Yields: 16 tons crushed for a yield of 26 ozs. 3 dwts. 8 grains; 44 tons for 22 ozs.

Area: Four and a-half acres.

Postal and Telegraphic Address: Milparinka.

The loss from the above crushings was as follows:—From the 16 tons 1 oz. 12 dwts. 16 grains per ton—Government assay in Sydney, and the loss from the 44 tons was 1 ounce 18 dwts. per ton—assayed at the South Mine, Broken Hill. It is not intended to crush any more stone till the new battery is erected owing to the losses mentioned.

THE LADY BRASSEY AND OUTWARD BOUND SILVER MINES COMPANY. NO LIABILITY.

BROKEN HILL DIVISION.

Registered office: 68½ Pitt-st., Sydney.

Mines: Lady Brassey Silver Mine, The Outward Bound Silver Mine.

Registered: 25th June, 1896.

Nominal Capital: £16,250 in 65,000 shares of 5s. each.

Issued: 55,000 shares.

Called up: 2s. 2d. per share.

Directors: F. O. Furner, W. J. Pearce, C. W. Elliott, Sydney.

Legal Manager: Samuel MacDonnell.

Mine Manager: William Vosper.

Development: Extensive workings from shafts 300ft. and 400ft. deep, yield_

ing rich silver ores.

Area: 100 acres.

Postal and Telegraphic Address of Mine: Thackaringa, near Broken Hill.

NEW AUSTRALIAN BROKEN HILL CONSOLS, LIMITED.

BROKEN HILL DIVISION.

Registered office: Winchester House, London, E.C.

Nominal Capital: £600,000.

Issued: 600,000 shares at 20s.

Called up: 1s. per share.

Dividends: £50,000.

Directors: John Henry Ward (chairman), William Evans, Standish Grady,

Hon. Hubert G. E. Hanbury-Tracy, Arthur G. Weguelin, Winchester

House, Old Broad-st., London, E.C.

London Secretary: F. Hartman.

General Manager: George Smith.

Sub-Manager: J. B. Smith.

Development: Three shafts each equipped with winding, air compressing, and rock drilling plants, also diamond drill plant complete.

Area: 200 acres.

Postal and Telegraphic Address: Abydos, Box 106, Broken Hill.

NORTH BROKEN HILL SILYER MINING COMPANY, NO LIABILITY.

BROKEN HILL DIVISION.

Registered office: 60 Queen-st., Melbourne.

Registered: 25th July, 1895.

Nominal Capital: £100,000 in 100,000 shares of £1 each.

Issued: The whole.

Called: Nil.

Directors: A. E. Clarke, W. H. Hyndman, H. Dodds, Hal Shephard, Alex. Campbell.

Legal Manager: Richard Ford.

Mine Manager: Arthur Paul.

Development: To 700ft. level, concentrating plant, including 2 jigs and 6

buddles.

Area: 101 acres 2r. 83p.

Postal and Telegraphic Address of Mine: A. Paul, North Mine, Broken Hill.

NEW PINNACLE GROUP SILVER MINING COMPANY, NO LIABILITY.

BROKEN HILL DIVISION.

Registered office: 18 Bridge-street, Sydney.

Mine: Pinnacle Mines.

Registered: 19th March. 1897.

Nominal Capital: £50,000.

Issued: £50,000.

Called up: £7,500.

Directors: F. C. Griffiths, Sydney; J. W. Johnson, Sydney; W. C. Willis,

Sydney; W. Cope, Sydney; John Woods, Sydney.

Legal Manager: J. Gainford. 18 Bridge-street, Sydney.

Mine Manager: J. W. Jacobs.

Consulting Engineer: John Munday.

Postal and Telegraphic Address of Mine: Broken Hill.

The Pinnacle Mines have been worked for a number of years, and a large amount of development was done by the original company, from whom the present company purchased the property.

NORTH CENTRAL BROKEN SILYER MINING COMPANY, LIMITED, NO LIABILITY.

BROKEN HILL DIVISION.

Registered office: 131 Pitt-street, Sydney. Nominal Capital: £150,000 in £1 shares.

Issued: 134,299 shares. Unallotted: 15,701 shares.

Called up: 15s. 6d. per share.

Directors: Hon. J. F. Lurns (Chairman), c/o Wickham and Bullock Island Coal Company, Sydney; Geo. Pauton, c/o Aaron's Exchange Hotel, Sydney; James A. Brown, Hayes-street, North Sydney; John Broomfield, Sussex-street, Sydney.

Legal Manager: Leonard Dodds, 131 Pitt-street, Sydney.

Mine Manager: Henry Dawe.

Development: Main shaft, 700ft., cross-cut at this level to Block 11 boundary, and a drive now being continued south along the boundary. There is also a complete winding plant at work, the capacity of which will allow the company to sink 1,500ft., if necessary.

Area: 40 acres, held under mineral lease.

Postal and Telegraphic Address: 181 Pitt-st., Sydney.

PINNACLE AMALGAMATED SILVER MINING COMPANY, NO LIABILITY.

BROKEN HILL DIVISION.

This Company went into liquidation 13th November, 1896.

ROCKWELL BOULDER SILVER AND LEAD MINE. BROKEN HILL DIVISION.

Manager: John Brandon, 39 Queen-st., Melbourne.

SILYER HILL JUNCTION SILYER MINING CO., NO-LIABILITY. BROKEN HILL DIVISION.

(See Mines, etc., too late for classification.)

THE TARRAWINGEE FLUX & TRAMWAY COMPANY, LIMITED. TARRAWINGEE.

Registered office: 39 Queen-street, Melbourne.

Date of Registration: 2nd October, 1890.

Nominal Capital: 269,500, in 77,000 shares of £3 10s.

Issued: 75,406, at £3 10s.

Called up: £263,921.

Dividends: £182,466 14s. 6d.

Directors: J. Grice, Flinders-street, Melbourne; Henry Byron Moore

Collins-street, Melbourne; J. S. Read, Macedon, Victoria.

Manager: Jas. Sterling.

Secretary: Alfred Weller.

Area: 679 acres.

Postal and Telegraphic Address: Tarrawingee, via Broken Hill.

Formed to supply the Broken Hill Companies with limestone flux for use in smelting operations. The Company's line is about 42 miles long, and runs from Broken Hill to Tarrawingee (Government name of township). It is built on the 3-6 gauge, and is used for the carriage of wool and mineral traffic, junctioning with the Silverton Tramway Company's railway system at Broken Hill.

* WALSHE'S LEASE.

MILPARINKA DIVISION.

Trial crushing August, 1896: 12 tons for a yield of 14½ oz. Then under offer to a Sydney Syndicate.

THE WARRATTA PUBLIC BATTERY GOLD MINING AND QUARTZ CRUSHING COMPANY, LIMITED.

MILPARINKA DIVISION.

Registered office: Loftus-st., Milparinka.

Mine: Whittabrumah.

Registered: December 7, 1895.

Nominal Capital: £1,500 in 150 shares £10 each.

Issued: 128 shares.

Called up: £1280; £300 in cash and £000 in paid up shares being allotted to vendor.

Directors: T. W. Robinson, Cobham; D. J. McLean, Tantara; B. Ringrose, W. Baker, Milparinka.

Legal Manager; T. W. Chambers.

Development: 25-h.p. engine, pumping and winding gear, with 12 head battery.

Area: 6 acres.

The main shaft has been sunk to a depth of 220ft., crosscut from 200ft. level, and has struck the same reef that has been followed from the surface 2ft. 6in. in width, carrying good gold. For want of capital the upper levels only are being worked at present, which yield a steady return of from 9 to 11 dwts. per ton.

WHITE CLIFFS OPAL MINES, LIMITED.

WHITE CLIFFS DIVISION.

Registered Office: 8 Princes-street, London, E.C.

Registered: July, 1896.

Nominal Capital: £150,000.

Issued: £150,000.

Directors: E. S. Revett, London; W. Hasluck, London; F. Hall Kirby,

London; A. P. B. Loftus, London; A. B. Randall, London.

Secretary: E. A. Horne (London).

N.S.W. Agent: J. Gainford, 18 Bridge street, Sydney.

Mine Manager: E. P. Murphy.

Development: No machinery in use; ropes, buckets, windlasses, wheel barrows, horses, drays, picks, shovels, jumpers, gads, etc., being all that is required. Worked by large open cuts, partly on wages and partly on tribute.

Area: 300 acres.

Postal and Telegraphic Address: White Cliffs via Wilcannia.

• YUBA SILVER MINING COMPANY, SILVERTON.

(28 MILES NORTH OF)

Bathurst Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned).

YIELD of gold in the Bathurst Mining district during the year 1896 compared with the year 1895:—

				1896.	1895.
Canowindra	•••	•••	•••	358oz.	300oz decrease.
Cowra	•••	•••	•••	1,190oz.	620oz. increase.
Mount McDonald		•••	•••	586oz.	165oz. increase.
Carcoar	•••	•••	•••	1,913oz.	748oz. increase.
Blayney	• • •	•••	•••	994oz.	382oz. increase.
Newbridge	•••	•••	•••	434oz.	400oz. decrease.
Trunkey	• • •	•••	•	1,447oz.	893oz. decrease.
Tuena	•••	•••	•••	1,961oz.	287oz. increase.
Rockley	•••	• • •	•••	1,306oz.	200oz. decrease.
Burraga	•••	•••	•••	328oz.	57oz. increase.
O'Connell	•••	•••	•••	300oz.	
Oberon	•••	•••	•••	382oz.	slight increase.
Bathurst	•••	• • •	•••	1,081oz.	134oz. decrease.
Wyagdon	•••	• • •	•••	80oz.	135oz. decrease.
Sunny Corner	•••	• • •	•••	1,826oz.	1,819oz. decrease.
Orange	•••	•••	•••	29,446oz.	53,896oz. decrease.

The average yields from quartz mines where the quantity of stone treated can be ascertained was:—

1895.

1896.

Quantity: 17,541 tons

18,237 tons

Average per ton: 4oz. 15dwt. 17gr.

loz. 13dwt. 15gr.

Yield of gold: 83,958oz. 10dwt.

30,301oz. 7dwt. 15gr.

The reduction for last year is accounted for by the rich stone raised in 1895 from the Lucknow mines.

The only Silver mining in this district is carried on at Mitchell. The Sunny Corner Silver Mine produced during 1896, 395 tons of silver, gold, and copper matte valued at £22,896.

COPPER is obtained in large quantities from the Burraga Copper Mine, Abercrombie Mountains, the output for 1896 being 4241 tons of refined copper, valued at £19,928. In the neighbourhood of Blayney active development and prospecting are also being carried on for this metal.

ALADDIN'S LAMP GOLD MINING CO., Ltd.

ORANGE DIVISION.

Registered Office: 4 & 6 Throgmorton Avenue, E.C., London.

Registered: 10th June, 1892

Capital: Authorised £100,000 in 100,000 shares of £1 each

Issued: All, and fully paid, 80,000 vendors being issued, credited as paid. In June, 1892, applications were invited for 20,000 shares. Each priority shareholder in the Proprietary Company had the right to an allotment of two shares in this Company for every fifteen held.

Directors: Admiral Fredrick A. Maxse (chairman); H. Chester Master; John E. Perry; Major-General Shaw-Stewart, R.E.; The Right Hon. The Earl of Kilmorey, K.P.

Secretary: Alexander Hislop, 4 & 6 Throgmorton Avenue, E.C.

Local Secretary: W. Tarleton, 93 Pitt St., Sydney.

Mine Superintendent: C. G. Warnford Lock, M.I.M.M.

Assistant Manager: A. R. Canning

Dividends: To 11th June, 1897, fifteen of 1/-, four of 2/-, two of 2/6, and one of 8/-

Area: About 36 acres.

Postal and Telegraphic Address of Mine: Lucknow.

This Company was registered to acquire from the Jackass Flat Gold Mining Co., and Wentworth Gold Fields Proprietary Co., Limited, a property consisting of about 36 acres, forming part of the Proprietary Company's Freehold on the Wentworth Gold Fields, Lucknow. The property is held on lease from the Proprietary Company for 20 years, from the 1st March, 1892. The purchase consideration was £90,000 of which £80,000 was paid in fully paid shares.

ALL NATIONS CLAIM.

Mount McDonald.

MOUNT McDONALD DIVISION.

The Mines Department estimate return of this claim for year 1896 at 32 tons for 72 oz. 18 dwt.

AMANA (Wentworth) GOLD MINING CO., Ltd.

ORANGE DIVISON.

Registered Office: 4 & 6 Throgmorton Avenue, London, E.C.

Registered: 23rd November, 1892.

Directors: Major-General Shaw-Stewart, R.E. (chairman); Colonel A. P.

Garnett; Samuel J. Eggar; The Right Hon. The Earl of Kilmorey,

K.P.; Andrew G. Blomfield

Secretary: John Thorley.

Local Secretary: W. Tarleton, 98 Pitt-street, Sydney.

Area: About 30 acres.

Postal and Telegraphic Address of Mine: Lucknow.

The property is held under a lease from the Wentworth Gold Fields Proprietary Company (who are the owners of the freehold) for 21 years, from the 80th September, 1892. The purchase consideration was £80,000, and was paid as to £5,000 cash, and as to £75,000 in fully paid shares.

AMERICAN REEF MINE.

CANOWINDRA DIVISION.

Proprietor: J. E. Evans, Boney's Rocks.

Mine Manager: J. E. Evans.

Development: Shaft 184ft., 56ft. distant from creek; other shaft 22ft. on the line of reef, and connected by drive for ventilation; blacksmith's shop and stable; worked by horsewhip.

Yields: In sinking the main shaft to a depth of 110 feet, 20 tons gave 7 oz. 2 dwts. per ton; from 110ft. to 184ft., 17 tons 1 oz. 10 dwts., 9 grs. per ton; 3 cwt. taken to Royal Mint, Sydney, yielded 9 oz. 16 dwts. per ton, free gold.

Area: Prospecting protection area. (Open all round to be taken up.)
Postal and Telegraphic Address: Canowindra.

The mine was first tried in 1870 by Mr. T. Clayburn, of Canowindra, and worked to a depth of 110ft. A cross-seam cutting it he gave it up thinking it had cut out. It was found to be over the gold-fields boundary, and selected. Being only 900 yards distant from the London Reef Mine, and on the same line, the present holder held a different opinion, and in 1889 applied for a permit to re-enter. The slide was found dipping south at an angle of about 45°, and was followed down to present depth, at which there is 2ft. 4in. of reef, apparently from a cross-reef.

- * ANLEZARK AND PARTY. Slippery Creek, Lithgow.
- * ANNANDALE COPPER MINE.
 Blayney.

BLAYNEY DIVISION.

The deep workings are being bailed out.

ASHBURNHAM MINING CO., N. L.

CANOWINDRA DIVISION.

Registered Office: 18 Bridge-street, Sydney.

Date of Registration: 4th June, 1897.

Nominal Capital: £10,000.

Issued: £10,000. Called up: £5,500.

Directors: Thos. Buckland, Sydney; Robert Smith, Sydney; Jas. Milne, junr., Sydney; Hon. Dr. McKellar, Sydney; W. E. Sparke, Sydney.

Legal Manager: John Gainford, 18 Bridge-street, Sydney.

Development: Main shaft started.

Area: 80 acres.

Postal and Telegraphic Address of Mine: Manildra.

The Company has just been formed for the purpose of developing the copper and tin deposits on this lease.

ASHTON GOLD MINING CO., Ltd.

BATHURST DIVISION.

Registered Office: Mutual Life Buildings, Martin Place, Sydney.

Nominal Capital: £7000.

Directors: G. Anderson (Managing), Mutual Life Buildings, Sydney; F. Rhodes, Haddow, Chatswood, near Sydney; R. G. Watkins, 107 Kent-

street, Sydney; T. Old, North Sydney.

Area: 26 acres.

Post and Telegraphic Address of Mine: Dark Corner, near Sunny Corner.

BAINBRIDGE AND PARTY.

Oberon.

LITHGOW DIVISION.

Operations on this claim are suspended owing to difficulty with water. It is probable steam pumping gear will have to be introduced to cope with it.

THE BALLARAT OF NEW SOUTH WALES GOLD-MINING CO., N. L.

ORANGE DIVISION.

Registered Office: Orange.

Registered: 13th October, 1897.

Nominal Capital: £10,000 in 10,000 shares of £1 each

Issued: As paid up to 13s. each.

Directors: A. H. Davis (Chairman), Orange; H. W. Newman, M.P. (Managing), Lucknow; J. Torpy (Managing); W. Tanner, junr., A. G. Maude, R. Howman, W. S. Raphael, J. H. Gain, W. S. Stabback (Orange); J. Noonan (Forest Reefs); L. C. R. Jones, M.P., Phil Davis, T. Hosking, W. A. Gibb (Sydney).

Legal Manager: E. H. Deeper.

Sydney Secretary: F. Cotton, M.P., 111 Elizabeth-street, Sydney.

Development: 16th October, 1897, main shaft 84ft., large iron engine shed, blacksmith's shop and store; Horwood and Sons' steam winch, 20 h.p. portable boiler.

Area: The Minister for Mines reserved a large area for the Company, so that it is impossible to define it at present time.

Postal and Telegraphic Address of Mine: Forest Reefs.

This Company had the use of Government diamond drill to endeavour to find the trend of the Old Extended Co.'s head worked years ago. Ten bores were put down, No. 5 bore piercing wash assaying 8dwt. to 2oz. of gold, or equal to about 1oz. to the load.

* BELMORE HILL AMALGAMATED GOLD MINES, Ltd. Canowindra.

CANOWINDRA DIVISION.

Mines: Old Blue Jacket and Hayes' Reef

Capital: £150,000.

Issued: Offered to the public £50,000.

Purchase price £125,000 payable £100,000 in shares, and £25,000 in cash or shares at the option of the Directors, leaving £25,000 available for working capital.

Remarks: From prospectus issued September, 1896.

* BLETCHINGTON GOLD-MINING CO., N. L.

ORANGE DIVISION.

Registered: 17th December, 1896

Capital: £18,780.

Registered Office: Ansen-street, Orange.

Legal Manager: E. H. Deeper.

The formation in this mine is similar to that of the Wentworth Proprietary Mine.

A call (the eighth) of 5s. per share was made on the 10th November.

BLUE JACKET GOLD MINE.

CANOWINDRA DIVISION.

Proprietors: Privately owned in London.

Mine Manager: William E. Myring.

Secretary: C. J. Burrell

Development: By horse whim to 400ft. main underlay shaft; several other underlay shafts on property.

Yields: 300 tons crushed this year yielded 18 dwts. by amalgamation, blanketings worth 9oz. to 12oz. per ton; past yields show an amalgamation average of 32dwt.

Area: 55 acres.

Postal and Telegraphic Address: Canowindra.

The reef bodies in the mine are of lenticular form, and in this, as in the adjoining Red Jacket property, all the gold won prior to 1897 was by small parties of working owners who neglected to keep the development works well ahead. Since 1896 the new owners have spent over £8000 in re-timbering old workings and sinking main underlay shaft and winzes. During their operation two new reefs which increase the value of the property have been cut.

* BIG HILL MINE.

Sunny Corner, Lithgow.

LITHGOW DIVISION.

Proprietors: Sparks and Party.

* BREDALBANE CLAIM.

Tuena.

TUENA DIVISION.

Proprietors: Lewis and Taylor.

THE BRIAR PARK ALLUYIAL GOLD MINING CO., N. L.

ROCKLEY DIVISION.

Registered Office: 93 Sussex-street, Sydney.

Registered: December, 1896.

Nominal Capital: £2,250.

Issued: 45 shares of £50 each.

Called up: 15 shares paid up, and 30 paid up to £47 10s.

Directors: J. J. Amers, Frank Underwood, Frank Kron, T. Richardson.

Legal Manager: J. N. S. Clarke.

Mine Manager: Thomas Richardson (local director).

Development: Main shaft 50ft. deep, and divided into three compartments; main drive 80ft. and cross-cuts 60ft., depth of wash from 4ft. to 6ft., 25 h.p. boiler, winding engine, 4 steam pumps, poppet heads 40ft. high, and brace hopper, loading 60 tons, reducing tables, sluice boxes, and sundries. The plant is capable of treating 100 loads per 24 hours.

Area: 15 acres, situated Briar Park, Cantwell River, three miles from Rockley.

Postal and Telegraphic Address of Mine: Rockley.

The mine has been leased to the vendors for six months. Operations have been commenced. The wash prospects show from 8 to 5 dwts. per load, which can be obtained and treated for 3s. 6d. per load.

BRITISH LION GOLD MINING SYNDICATE.

TRUNKEY DIVISION.

Mine Manager: W. H. Glasson.

Secretary: S. Cranston, 1 Moore-street, Sydney.

Development: Tunnel driven 550ft.

Yields: Two crushings have been effected, gold from 7dwts. to 4oz. per ton; lode, 6in. to 2ft. wide.

Postal and Telegraphic Address of Mine: Trunkey.

A small developing syndicate. Over £1000 has been spent on driving a low level tunnel to cut and work several reefs previously worked near the surface.

* BUCKLEY'S HILL. Larras Lake Estate. MOLONG DIVISION.

BULGA IRON FLUX MINE.

Bulga Mountain.

ORANGE DIVISION.

Manager: M. Zobel.

BURRAGA COPPER MINE. Abercrombie Mountain, Rockley.

BURRAGA DIVISION.

Proprietor: Lewis Lloyd, Norwich Chambers, Hunter-street, Sydney.

Development: The mine was discovered in 1876. Work for many years past has been carried on on a series of ore bunches, the outcrop of which is about 200ft. east of the working on the north and south lead on the western country wall. An incline tunnel 900ft. with numerous bends all trending to the north-east; tunnel has been kept as near as possible in the centre of the ore bunches of which several have been passed through varying in length from 40ft. to 200ft., and in some places as great a width as 40ft. has been broken out.

Yields: The mine ranks second on the list of copper producers in N.S.W. The copper produced is the best quality. A recent shipment to London realised £50 and £50 5s. per ton net. The copper contains about loz. of gold and 25 oz. of silver per ton. The ore product averages 20 tons to a cubic fathom. The output for the year 1896 was estimated by the Mines Department at 4,241 tons refined copper valued at £19,928. 150 men were constantly employed.

Area: 850 acres freehold having a length of nearly 2 miles north and south.

Postal and Telegraphic Address of Mine: Burraga.

There are natural facilities for conserving water at small expense, and no very great outlay would be involved in obtaining a supply from adjacent permanent water.

BURRAGA SOUTH EXTENDED COPPER MINING CO.

BURRAGA DIVISION.

Proprietors: A Private Syndicate.

Manager: John McKienney.

Postal and Telegraphic Address of Mine: Via Rockley.

Not yet in a position to supply information.

* BURRAGA GOLD MINING CO., N. L Burraga.

BURRAGA DIVISION.

Registered Office: 182 Regent-street, Redfern, Sydney.

Registered: November, 1895.

Capital: £2,500

Legal Manager: S. Newton.

Granted one month's exemption on 1st November.

CADIA COPPER MINE.

Cadia via Orange.

ORANGE DIVISION.

Manager Captain Holman.

* CAIN AND PARTY.

Gally Swamp.

CARCOAR DIVISION.

CALEDONIAN MINE.

Markdale.

TUENA DIVISION.

With a view to the treatment of large deposits of low grade ore, extensive improvements have been made to the machinery of this mine.

THE CALOOLA CREEK GOLD MINING CO., N. L.

BATHURST DIVISION.

Registered office: Exchange Buildings, Bathurst

Registered: 3rd April, 1896.

Nominal Capital: 5,280 shares of £1 each.

Issued: 5,100 Called up: £1

Directors: J. B. Kenny (chairman); L. Edgley; H. J. Barham; L. Winter;

T. Cashman, Bathurst; T. Jordan, Moorilda.

Legal Manager: H. C. Slade.

Mine Manager: John Hutchens.

Development: 16 h.p. engine, 18 h.p. vertical boiler, 5ft. Huntington Millorock breaker, &c.; a well-equipped plant. At present working on a huge deposit of auriferous micaceous schist from an open cutting.

Area: 16 acres.

Postal and Telegraphic Address: Caloola Creek, Newbridge.

Active work only commenced in July of the present year. The value of the property being fully assured, additional mills will be erected.

* CAYILL & PARTY (Sluicing Claim).

Abercrombie River.

TUENA DIVISION.

* COBB A., AND PARTY.
North Gally Swamp
CARCOAR DIVISION

o COLLINGWOOD AND PARTY.

Parker's Paddock, Garibaldi.

BATHURST DIVISION.

THE COLO CREEK GOLD MINING CO., Ltd.

TRUNKEY DIVISION.

Registered Office: 359 George-street, Sydney.

Mine: Mount Gray.

Nominal Capital: £35,000.

Directors: Walter Ratcliffe, E. E. Moreau, W. I. Uther.

Secretary: William Shenstone.

Mine Manager: Charles Henry Clarth.

Development: 30 head stamper battery connected with a large pumping plant

about 400ft. below level of battery, and half-mile distant.

Area: 14 acres.

Postal and Telegraphic Address of Mine: Mount Gray, Trunkey.

The mine is part of a mountain near the Abercrombie Caves, and consists of a large bed of low grade ore. Several companies, for years past, had operated upon this in an expensive and primitive manner, and being unsuccessful, abandoned the ground.

It was taken up again by Mr. Clarth, about fourteen months since, and the present plant erected by him. Sufficient crushing has now been done to prove the mine payable.

THE COMPAGNIE DES MINES D'OR (BROWN'S CREEK), Ltd.

BLAYNEY DIVISION.

Registered Office: 19 St. Swithin's Lane, London, E.C.

Name of Mine: Brown's Creek Mine.

Registered: 2nd August, 1894.

Nominal Capital: £150,000.

Issued: £150,000.

Amount called up: £150,000.

Directors: F. L. Gardner, London and Paris; E. Montfort, London and Paris, E. S. Revett, London and Paris; L. Silz, Paris; Le Viscomté Adolphe de Westheimer, Paris.

Secretary: F. F. Fuller, 19 St. Swithin's Lane, London.

Local Secretary: J. Gainford, 18 Bridge-street, Sydney.

Development: The Company has erected a 60-head stamp battery, and intends mining for gold on an extensive scale. At present work in the mine is suspended, owing to the re-organisation of the Company in London.

Area: About 30 acres.

Postal and Telegraphic Address of Mine: Brown's Creek, via Blayney.

The Annual Report of the Department of Mines, 1896, states of the above Company that, "It is to be regretted that the expectations formed with "regard to this Company have not been fulfilled, the Company being compelled "to cease work pending its reconstruction, and the raising of more capital, and "it is to be hoped the stoppage is temporary. A splendid plant has been "erected on the mine at great cost, the yield during the year being 694oz. from "7,277 tons of stuff."

* COOPER'S FREEHOLD SYNDICATE.

Brown's Creek.

BLAYNEY DIVISION.

* CROUCHER AND PARTY.

Gally Swamp.

CARCOAR DIVISION.

* CREES, FRANCIS AND PARTY.

Wilson's Reef.

TRUNKEY DIVISION.

19 tons raised in September, from Wright's Old Reef, in a fortnight, yielded 18 oz. 9 dwt. 9 gr. of smelted gold; caused a revival of mining in the immediate neighbourhood.

THE D'ARCY ESTATES GOLD MINING CO., Ltd.

ORANGE DIVISION.

Registered Office: 19 St. Swithin's Lane, London, E.C.

Registered: 27th February, 1894.

Nominal Capital: £150,000.

Issued: £150,000.

Called up : £150,000.

Directors: Percy Tarbutt, Edmund Davis, F. L. Gardner, E. S. Revett, London.

Secretary: F. F. Fuller.

Local Secretary: John Gainford, 18 Bridge-street, Sydney.

Mine Manager: Frank Cogill.

Development: A large amount of prospecting work has been done, and a main shaft sunk to a depth of 1,000ft. The plant consists of pumping, winding and rock-drilling machinery.

Area: 3,283 acres.

Postal and Telegraphic Address of Mine: Lucknow.

The mining operations are being conducted for the development of the "Lucknow Contact," upon which other companies in the vicinity have been working successfully for many years. The "Contact" was cut in the main shaft at the estimated depth.

DELAYNEY'S DYKE GOLD MINING CO., Ltd.

(In Liquidation.)

MOLONG DIVISION.

W. S. Moore, Victoria Arcade, Elizabeth-street, Sydney.

***** DERWIN AND PARTY.

Victoria Flat.

TUENA DIVISION.

* DIGBY BROS.

Gally Swamp.

CARCOAR DIVISION.

* DIGBY JOHN AND SON. Digby Hill. CARCOAR DIVISION.

DUDDEWARRA MINE.

Mount Victoria.

HARTLEY AND LITHGOW DIVISION.

Proprietors: The Duddewarra Mining Syndicate.

Secretary: David Collins.

The proprietors regard the mine as insufficiently developed to warrant a description as yet. Several parcels of ore have been sent to the smelting works at Dapto for treatment.

Postal and Telegraphic Address of Mine: Mount Victoria.

MARTIN, DUNN AND PARTY.

Sunny Corner.

BATHURST DIVISION.

Government aid was granted to continue the 50ft. shaft, on the underlay. At the 90ft. level the reef was struck, averaging 3ft. wide, a trial crushing from which, of 15 tons, yielded 14½ oz. of gold. The reef improved with depth, and the mine is regarded as a valuable property.

* DWYER, JOHN AND PARTY (Near Jerula Station, Cowra). COWRA DIVISION.

EGGLESTON AND PARTY. Molong.

MOLONG DIVISION.

Crushed in September at Black's Battery, 2½ tons, for a yield of 12 dwts. to the ton.

ELSINORA MINE.

TUENA DIVISION.

Proprietors: Albert Dawson. E. Hudson, J. Reynolds, W. W. Corell, A. Russell, J. G. Russell, Victoria Flat, via Binda.

Manager: Albert Dawson.

Mine Manager: Albert Dawson.

Development; Tunnel driven 180ft. Two shafts sunk, 50ft. each. Plant in course of erection. Tramway completed from tunnel to crusher, 500ft.

Yield: Average yield of trial crushing 18 dwts. per ton.

Area: 25 acres.

Postal and Telegraphic Address: Victoria Flat, via Binda.

ERROLL GOLD MINING CO., Ltd.

BLAYNEY DIVISION.

Managers: The United Australian Exploration Co., Ltd.. Equitable Buildings, George-street, Sydney.

Mine Manager: Patrick Dempsy.

Development: No plant. Main shaft 100 ft., east drive 52ft., west drive 48ft. About 800 tons of ore at grass.

Area: 400 acres, freehold.

Postal and Telegraphic Address of Mine: Blayney.

FEDERAL MINT MINE.

Abercrombie River.

TUENA DIVISION.

Proprietor: F. Neave, Tarrigo, near Goulburn.

A tunnel has been completed, which struck a large body of wash averaging loz. to the load.

* FLOOD AND PARTY.

Dog Trap, Crookwell.

TUENA DIVISION.

* GALE AND PARTY.

Charlton.

ROCKLEY DIVISION.

GALLYMONT GOLDFIELDS, Ltd.

MANDURAMA DIVISION.

Registered Office: 6 & 7 Queen-street Place, London; 8 & 9 Post-office Chambers, Sydney.

Registered: 17th June, 1896.

Nominal Capital: £300,000, in £1 shares.

Issued: 800,000 shares.

Called up: Fully paid up.

Dividends: None declared.

Directors: London—David Marks, Frank Taylor, Leopold Yates, Sir Leslie Falkiner, Bart., L. A. Hoffnung Goldsmid, Jules Pain. Australia: Hon. Sir Joseph Abbott, K,C.M.G. (Chairman), Hon. Sir G. R. Dibbs, K.C.M.G. (Deputy-Chairman), B. F. Marks.

Secretaries: London-W. F. Garland. Australia-A. E. Bubb.

Consulting Engineers and Managers: John Taylor and Sons, London.

Consulting Engineer (Australia), M. Eissler; M.I.M.E. (U.S.A.), M.I.M.M. (England).

Development: 40 head battery, Chlorination works, Cyanide works.

Area: About 300 acres.

Postal and Telegraphic Address of Mine: Mandurama.

* GARIBALDI MINE.

Newbridge.

NEWBRIDGE DIVISION.

* GLANMIRE COPPER SYNDICATE. Bathurst.

BATHURST DIVISION.

Mine reported to be opening up well; underlay shaft in October down about 100ft. on sulphide ore of good quality; well defined slate walls; several tons ore at grass.

GOLD AND COPPER FIELDS SYNDICATE, Ltd. Witney Green.

BLAYNEY DIVISION.

Registered Office: 50 and 51 Lime-street, London, E.C.

Mines: Witney Green Gold Mine and Carangara Copper and Gold Mines.

Nominal Capital: £65,000.

- Directors: Hon. W. F. B. Massey-Mainwaring, M.P. (Chairman), 80 Grosvenor Place, London W.; E. A. Goulding, M.P., 4 Plowden Buildings, Temple London, E.C.; Paul Koop (Director of Mohr Bros. & Co., Ltd., London and Burmah); A. A. Fraser (Director of Bank of Africa, Ltd., 40 Mincing Lane, London).
- A. Anderson (Managing Director), Mutual Life Buildings, Martin Place, Sydney.
- Development; One main shaft sunk 125ft., levels driven at 50ft. and 125ft.; 225 tons of stone has been crushed for an average return of 5oz. per ton. Reef 2ft. wide. Shaft now being sunk to 200ft. Winding machinery, etc., have been fitted up, and development is being pushed on; continuous crushing expected to be started shortly.

In the Carangara several shafts have been sunk from 50ft. to 200ft; 10-head stamp battery fitted with winding plant on main shaft now being erected, carrying copper and gold from 2ft. to 4ft. wide.

Area: 859 acres

Postal and Telegraphic Address of Mine: Byng, via Millthorpe.

GOLDEN DYKE GOLD MINE.

TUENA DIVISION.

Proprietors: T. M. Dryman (Randwick), A. A. Amos, H. M. Mills (Sydney), J. W. Tennant, W. H. O'Hara (Tuena).

Manager: H. M. Mills, 29 Hunter-street, Sydney.

Mine Manager: J. W. Tenant.

Development: Three shafts 23ft., 33ft., and 42ft., and a drive connecting all three shafts.

Yields to date: 250 tons gave a yield of 7dwt. per ton. Later crushing of 20 tons (taking everything) yielded 6dwts. per ton.

Area: 211 acres, gold lease.

Postal and Telegraphic Address: Tuena.

A true dyke formation and the 250 tons stone was taken out for a width of 20ft. Only the western wall has been found. A large crushing plant is needed to make the mine a payable concern. Gold is worth £4 1s. 9d. per oz., clear of all mint charges.

GREAT ANNANDALE COPPER MINE

Blayney.

BLAYNEY DIVISION.

Proprietor: — Marsden.

* GREAT BOULDER CLAIM.

Lithgow.

LITHGOW DIVISION.

Proprietors: M'Guinness and party.

GREAT EASTERN AND CALEDONIAN GOLD MINING CO., Ltd.

MOUNT M'DONALD DIVISION.

Registered Office: Hongkong, China. Mines: Great Eastern, Caledonian.

Nominal Capital: £350,000.

Legal Manager: C. W. Geary.

Mine Manager: H. Cash.

Area: 50 acres.

Postal and Telegraphic Address: Mount M'Donald.

* HALLIMAN AND CO. (Copper).

McPhillamy's Hill.

BLAYNEY DIVISION.

* HEMSLEY'S COPPER CLAIM. Blayney.

BJ AYNEY DIVISION.

Reported to have been amalgamated with an adjoining lease.

* HEYLEN, J. J.

Burraga.

BURRAGA DIVISION.

Crushed 9 tons during October, reported to have returned 7oz.

* HIGGINS AND PARTY.

Oberon, Lithgow.

ORANGE DIVISION.

• HOBSON AND RICHARDSON.

Caloola Creek.

BATHURST DIVISION.

Development: Huntingdon Mill, etc.

HOLMAN'S LUCKY HILL GOLD MINE, Ltd.

MANDURAMA DIVISION.

Registered Office: 63 & 64 New Broad-street, London, E.C.

Nominal Capital: £75,000.

Issued: All.

Called up : £75,000.

Attorney in N.S.W.: R. W. Hardie, 133 Pitt-street.

Secretary: E. W. Fellgate, 68 & 64 New Broad-street, London

Mine Manager: Thos. F. Mills.

Consulting Engineer: Captain James Dunstan, Sydney.

Development: Main shaft 210ft., drives (N. and S.) at 90ft., 150ft., 200ft. Complete chlorination plant (Edwards' process). Hauling and pumping engines complete; electric light plant.

Area: 22 acres, and 5 acres dam site.

Postal and Telegraphic Address of Mine: Burnt Yards via Mandurama.

* HOMEWARD BOUND MINE.

Dark Corner, Sunny Corner.

BATHURST DIVISION.

HOMEWARD BOUND MINE.

Carcoar.

CARCOAR DIVISION.

IRONCLAD MINE.

TUENA DIVISION.

Proprietors: E. Martin and E. Reid, Junction Point via Binda.

Mine Manager: E. Martin.

Development: Consists of shafts; one 144ft. deep, from which there has been 18 tons crushed for a yield of 5dwts. to the ton.

Yields: 101oz. 14dwts. from 90 tons stone.

Area: 5 acres.

Postal and Telegraphic Address: Junction Point via Binda.

Seventy-two tons of stone have been taken from the reef known as the Blue Look-out. There are three reefs on this claim carrying gold—namely, the Ironclad, the Blue Look-out, and New Bluestone. Stone taken from the Ironclad assayed from 8dwts. to 4oz. per ton.

* IRON HORSE CLAIM.

Lithgow.

JITHGOW DIVISION

Proprietors: Rankin and Morrow.

* I. X. L. MINE. Ophir. ORANGE DIVISION.

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JUNCTION CASTLE GOLD MINING CO., N. L. Back Creek.

BATHURST DIVISION.

Registered Office: Fitz-Evan Chambers, 27 Castlereagh-street, Sydney.

Legal Manager: J. P. Josephson.

Not in operation owing to litigation.

• JUNCTION MINE.

Carcoar.

CARCOAR DIVISION.

KANIMBLA SILYER AND LEAD MINES.

LITHGOW DIVISION.

Proprietors: E. Vickery and Sons, 78 Pitt-street, Sydney.

Development: Two shafts sunk to about 20 feet deep from surface, and a tunnel on course of the lode from level of creek. Plant consists of two windlasses and mining tools. This mine was discovered in August, 1897, through pieces of quartz with galena through them, being picked up in the creek among granite boulders. Mining was commenced on 18th August with two miners, and about a week after two more miners were employed with the view of prospecting the property. In five weeks about 20 tons of silver lead ore had been won; estimated to yield 40 per cent. of lead and 50os. of silver per ton of ore. The lode as at present known will go through 40 to 80 acres, and is exceedingly promising, varying from 1 to 8 feet wide. The hanging wall of the lode is blue granite, and the foot-wall redish granite. The sandstone formation is within a mile of the mine. Search is being made for other lodes.

[As we went to press we were advised the lode had pinched out, and operations were suspended for the present.]

Area: A freehold of several thousand acres.

Postal and Telegraphic Address: Kanimbla, Little Hartley.

* KING AND FERRIS.

Trunkey.

TRUNKEY DIVISION.

Tunnel driven over 600ft. Three months' suspension granted from first week in October.

LADY BURDETT COUTTS' GOLD MINE.

CANOWINDRA DIVISION.

Proprietor: Captain S. G. Green, Sydney.

Secretary: S. MacDonnell.

Mine Manager: Joseph Orme, M.E., (Visiting Inspector).

Development: Many shafts and workings therefrom. Main shaft 325ft., vertical, worked by a winding engine; 5 head battery engine and dam.

Yields to date: To September, 1897, 1,116 oz. gold from 485 tons of stone crushed.

Area: 9 acres.

Postal and Telegraphic Address: Boney's Rocks, via Canowindra.

* LADY SOPHIA MINE.

Swamp Oak.

CARCOAR DIVISION.

THE LAGOON CREEK GOLD MINE, Ltd.

BATHURST DIVISION.

Registered Office: 19 St. Swithin's Lane, London, E.C.

Registered: 4th July, 1895. Nominal Capital: £100,000.

Issued: £100,000.

Called up: £100,000.

Directors: W. H. Farmer, London; J. J. Cooper, London; F. L. Gardner

London: C. Crichett, London: J. E. D. Ryder, London.

Secretary: F. F. Fuller, 19 St. Swithin's Lane London, E. C.

Local Secretary: J. Gainford, 18 Bridge-street, Sydney.

Mine Manager: J. Kemp Charleston.

Development: The Company is continuing the work commenced by the old Lagoon Co. The plant consists of 15 stamp battery, and the usual gold

saving appliances. Crushing has not yet commenced.

Area: 50 acres.

Postal and Telegraphic Address of Mine: Sunny Corner.

* LAGOON EXTENDED GOLD AND SILVER MINE.

Sunny Corner.

BATHURST DIVISION.

LARNACH AND WARREN.

Newbridge.

NEWBRIDGE DIVISION.

battery was erected on this mine early in the year.

LAST CHANCE MINE.

Kings' Plains.

BLAYNEY DIVISION.

Proprietors: The New South Wales Mining and Investment Co., Ltd.

Area: 15 acres.

Development: The Annual Report of the Department of Mines, for 1896, says: "Powerful pumping machinery to cope with the water in the lower levels has been erected, and with systematic and economical management this mine should give a good account of itself."

The property and plant were advertised by the sheriff for sale on the 10th November.

* LESLIE AND PARTY.

(Old Washington Reef), Crookwell.

BLAYNEY DIVISION.

LEWIS PONDS GOLD MINE.

BATHURST DIVISION.

Proprietors: The Smelting Company of Australasia, Ltd., Mutual of New York Buildings, Martin-place, Sydney.

General Manager: John Howell.

Secretary: C. H. Hayward.

Mine Manager: J. A. Millington. Development: Shafts, drives, etc.

Area: 154 acres, 1 rood, 10 perches.

Postal and Telegraphic Address of Mine: Lewis Ponds, N.S.W.

LITTLE MARYEL GOLD MINE.

Mount Maud.

ROCKLEY DIVISION.

Proprietors: J. L. Crozier, M. and P. Lanigan.

Mine Manager: J. L. Crozier.

Development: Shaft 140ft., width of reef from 1 to 7ft.

Yields: Average gold yield to October, 1897, 16 tons, 11dwts; 2 tons, 11dwt.; 11 tons, 17dwt. 4 grains; 10 tons, 18dwt. 12grs.

Area: 13 acres,

Postal and Telegraphic Address: Mount David, near Rockley.

Situated on M. Douglas's portion No. 76, parish of Mt. Lawson, county of Georgina.

LITTLE WONDER MINE.

Tuena.

TUENA DIVISION.

Proprietor: Geo. Goldspink.

* LITTLE WONDER MINE.

Swamp Oak.

CARCOAR DIVISION.

LONDON REEF MINE.

CANOWINDRA DIVISION.

Proprietor: Captain S. G. Green, 7 High Street, North Sydney.

Adjoins the American Reef Mine.

THE LORD HAMPDEN GOLD MINING & QUARTZ CRUSHING CO., N. L.

MOUNT M'DONALD DIVISION.

Registered Office: 6 & 7 Union Chambers, 70 Pitt-street, Sydney.

Registered: 29th January, 1896.

Nominal Capital: £6000, in 48,000 shares of 2s. 6d. each, 24,000 fully paid 24,000 contributing.

Issued: 48,000 shares.

Directors: W. Drake, Marrickville (Chairman); H. G. Norton, Pitt-street. Sydney; A. Frost, King-street, Sydney; A. Cooper, Union Chambers, Pitt-street, Sydney; O. G. Chapman, Wyong.

Legal Manager: Jas. C. Hutchison.

Development: Main shaft down 80ft., another shaft down 180ft., a tunnel in 70ft., and a winze sunk from that to a depth of 40ft. A good dam.

Area: 17 acres.

Postal and Telegraphic Address of Mine: Mount M'Donald.

This property is not being worked at present, labor exemption having been granted. It is now under offer for sale to an English syndicate. Part of the property was let on tribute, and the tributors took out two crushings that yielded 5oz. to the ton. The Company having been floated with insufficient capital, the development necessary to open up the mine has not been possible, but with capital it is thought it could be made to pay well.

At an extraordinary general meeting held on 3rd November it was resolved to offer by public auction all shares on which calls remain unpaid, to make a further call of 1d. per share, and to start work at once on the property.

LUCKY HIT MINE (Formerly Amos Mine). Tuena.

TUENA DIVISION.

Proprietors: J. M. Rooke, Queensland Offices, Bridge-street, Sydney; James Harney, Tuena.

Manager: J. M. Rooke.

Mine Manager: James Harney.

Development: Main shaft (with whim) 200ft, deep, perpendicular; cross-cut easterly 110ft., but little or no work was done to prove the value of the calcite veins passed through. The property has been principally worked from a large open cutting and from small shafts sunk both on the vertical and the underlay from 30ft. to 230ft., 8 head battery on the mine dam.

Yields; Former yields not obtainable. The battery has crushed over 100 tons for an adjoining claim this year, little work having been done except on tribute.

Area: 20 acres.

Postal and Telegraphic Address: Lucky Hit Mine, Tuena.

The mine is situate about 8 miles southerly from the township of Tuena. The formation is argillaceous slate, through which numerous calcite veins run, many of which have proved to be very rich, and showing at the deepest point reached, which is at present filled with water. The property is under offer to an English Company.

LYNDHURST GOLD FIELD, Ltd.

CARCOAR DIVISION.

Registered Office: 13 St. Helen's Place, Bishopgate-street, London, E.C.

Mines: Frenchman's, Cornishman's, Belubula, Mandurama, and Junction Mines

Registered: 26th September, 1895.

Nominal Capital: £400,000, in 400,000 shares of £1 each.

Issued: 360,257 shares. Paid up: £340,194 10s.

Directors: C. Algeron Moreing, S. Herbert Cox, Maures Horner, Maurice Lyons, Carl Wichmann, London.

Secretary: H. Douglas Kerr.

Sydney Agent: R. N. Kirk, Imperial Chambers, 16 O'Connell-street.

Mine Manager: J. W. Ashcroft.

Consulting Engineers in London: Bainbridge, Seymour and Co.

Area: 272 acres, 8 roods, 24 perches.

Postal and Telegraphic Address of the Mines: Mandurama.

MANILDRA GOLD MINING PROPRIETARY SYNDICATE, Ltd.

CANOWINDRA DIVISION.

Registered Office: 82 Pitt street, Sydney.

Registered: 6th January, 1897.

Nominal Capital: £2000.

Issued: 80 shares at $\pounds 20$.

Called up: £600.

Directors: J. C. Rankin, A. C. Mansfield, Jos. Vallentine.

Secretary: A. T. Frank.

Mine Manager:

Development: Lot of sinking from 60 to 27ft., and drives.

Area: 30 acres.

Postal and Telegraphic Address: Manildra.

Adjoining the Ashburnhan Mining Company, who are working for copper and tin. This is a copper mine. Work has been recently discontinued.

* MARTIN AND PARTY.

Charlton.

ROCKLEY DIVISION.

* McKAY AND PARTY.

Back Creek.

BATHURST DIVISION.

* M'NAB AND MOORE.
Young's Paddock.

CARCOAR DIVISION.

* MITCHELL, CHARLES. Bull Gully, Sunny Corner. BATHURST DIVISION.

* MITCHELL AND PARTY. Slippery Creek. LITHGOW DIVISION.

THE MOUNT APSLEY COPPER MINING CO., N. L. Rockley Road via Bathurst.

BATHURST DIVISION.

Registered Office: Union Chambers, Pitt-street, Sydney.

Registered: Application made 29th October, 1897.

Nominal Capital: £4,000, in 32,000 shares of 2s. 6d. each (8,000 paid-up; 24,000 contributory).

Issued: 32,000 shares.

Called up: 6d. per share on 24,000 contributing shares.

Directors: J. Scantlebury, Pitt-street; Lewis Lloyd, Hunter-street; H. W. Roberts, King-street, Sydney.

Legal Manager: G. S. Buzacott, Union Chambers, Pitt-street, Sydney.

Mine Manager: Joseph Read.

Development: Sinking shaft: prospecting work only. Yields: Operations only started in September, 1897.

Area: 80 acres.

Postal and Telegraphic Address: Union Chambers, 70 Pitt-street, Sydney.

This mine, which has been idle for over sixteen years, was worked by cooperative parties for some years with good results. For some time the ore
was sent to the smelting works at Lithgow, after which reverberatory furnaces were erected on the ground. Oxidised ore was worked to
about 80ft. in depth, when dense sulphide was met with. The smelting of
this presented difficulties which the then owners did not know how to overcome. It is stated that there is a wide body of this class of ore. The Company intend to sink a new shaft, and intersect the lode at about 100ft. below
the old workings.

THE MOUNT DAYID GOLD MINING CO., N. L.

ROCKLEY DIVISION.

Registered Office: 25 & 26 Post-office Chambers, 114A Pitt-street, Sydney.

Registered: December, 1896.

Nominal Capital: £120,000.

Issued: £120,000.

Called up: 16s. 6d. per share on 20,000 shares.

Crushing started 25th October, 1897.

Directors: George Robson (Chairman), Post-office Chambers, Pitt-street, Sydney; Geo. Holdship, Post-office Chambers, Sydney; John H. McPhillamy, 449 Kent-street, Sydney; Edwin Stanley, Shadforth-street, Mosman, Sydney; T. M. Drynan, Dutruc street, Randwick, Sydney.

Manager: Henry Francis Helder.

Mine Manager: Henry Wiedersehn.

Development: The development of the mine is progressively satisfactorily.

A main shaft has been sunk to open on the reef at the 100ft. level. A winding plant has been erected, also a 30 head stamper battery with all the latest improvements.

Area: This Company own 18 leases, having an area of 162 acres, 1 rood, 17 perches, and 400 acres freehold land.

Postal and Telegraphic Address of Mine: Mount David (near Rockley), Bathurst.

• MOUNT M'DONALD GOLD MINES, Ltd.

CARCOAR DIVISION.

Registered: 30th December, 1896.

Registered Office: 10 Walbrook, London, E.C.

Capital: £60,000 in 240,000 shares of 5s. each. 282,736 shares (£58,184) were to be issued credited with 4s. per share as paid in exchange for fully paid shares of the Bathurst Gold Mines, Ltd., a liability of 1s. being payable, 3d. on application and 3d. on allotment, and 6d. when required.

Secretary: E. C. Jourdain.

This Company is a re-construction of the Bathurst Gold Mines, Ltd., which was a reconstruction of the Kilkivan Mines, Ltd. (Queensland).

o Mount Willis Claim.

Sugarloaf.

BLAYNEY DIVISION.

NEWBRIDGE GOLD MINING CO., N. L.

BATHURST DIVISION.

Registered Office: 52 Queensland offices, Bridge-street, Sydney.

Registered: January, 1897.

Nominal Capital: £60,000 in 60,000 shares of £1.

Issued: As paid up to 19s. 7d.

Directors: J. M. Macadam, Tempe (Chairman); J. J. Cramp, Woolahra; A. Bignell, Como; J. H. Gillies, Summer Hill; Leonard Smith (Managing), Newbridge.

Legal Manager: James Macartney Rooke.

Mine Manager: Leonard Smith (Managing Director).

Development: 30 h.p. engine, 40 h.p. boiler, 12 head of stamps, winding engine. No. 1 claim, 2 shafts, deepest 65ft.; No. 2 claim, 3 shafts, deepest 165ft.

Area: No. 1 claim, 20 acres; No. 2 claim, 9 acres.

Postal and Telegraphic Address of Mine: Newbridge.

NIELDS AND PARTY.

Charlton.

ROCKLEY DIVISION.

* NOBBS REEF MINE.

Junction Point.

TUENA DIVISION.

Reported to have been sold to a Sydney syndicate.

* NOTTINGHAM AND DERBY MINE. Tuens.

TUENA DIVISION.

OPHIR GOLD MINING CO.

ORANGE DIVISION.

Proprietors: George Slater (Ophir), Phillip Davies, 2 Bligh Chambers, Bligh-street, Sydney, Dr. Bagshaw.

Manager: Phillip Davies.

Development: Engine 27 h.p., and 15 head stampers; engine, 17 h.p., for pumping and winding. One shaft 150ft. deep, and at present driven about 200ft.; 4 other shafts on the mine, amounting to 400ft. sinking. Tunnels and drives have been put in amounting to over 1,000ft., independent of stoping.

Area: 30 acres.

Postal and Telegraphic Address: 2 Bligh Chambers, Sydney.

Extensive operations have been carried on for the last two years without making any payable discoveries, and the mine is now at a standstill; work not likely to be resumed.

OSSINGTON AND PARTY.

· No. 1 South Claim, Dark Corner, Sunny Corner.

BATHURST DIVISION.

PADDY LACKEY DEEP LEYEL Ltd.

Dark Corner, Sunny Corner.

MITCHELL DIVISION.

Registered Office: Equitable Buildings, George-street, Sydney.

Registered: October, 1897. Nominal Capital: £20,000.

Issued: £5,000.

Directors: Arthur Sackville Boucher, John Smith Low, James Carnegie Alexander, Equitable Buildings, George-street, Sydney.

Secretary: Walter Weatherley.

Mine Manager: R. J. Lathby.

Development: Shaft sinking has been commenced to cut the Paddy Lackey

reef.

Area: 36 acres; two leases lying on the underlay of the Paddy Lackey Mine.

Postal and Telegraphic Address of Mine: Sunny Corner.

THE PEMBROOK GOLD MINE.

Trunkey.

TRUNKEY DIVISION.

A recent crushing at Crees, Francis and party's battery of 9 tons is reported to have yielded 7oz. of gold

* PIGGOT AND SMITH.

Charlton.

ROCKLEY DIVISION.

• QUEEN OF THE RANGES MINE. Ophir.

ORANGE DIVISION.

QUIGLEY'S HILL COPPER MINE.

BLAYNEY DIVISION.

Proprietors: Held by a syndicate under the name of Tibbs and party.

Mine Manager: John Rowe.

Development: Prospecting shaft to a depth of 193ft., carrying ore in seams, from 9ft. of the surface all the way. Cross-cutting at 187ft. level to catch the hanging wall in the east. Gone 50ft. through lode formation carrying nice sulphide ores.

Yields: Some ore at grass collected in sinking shafts and crosscut.

Area: 302 acres freehold property.

Postal and Telegraphic Address: Blayney.

The Mines Department reports this claim looking well, and the ore of a good percentage.

* QUIGLEY & PARTY.

Charlton.

ROCKLEY DIVISION.

RECORD REIGN MINE.

Bald Hills, Bathurst.

BATHURST DIVISION.

Proprietor: James Dewar, senr., Durham-street, East Bathurst.

Mine Manager: The proprietor.

Development: No. 1 shaft 75ft. deep, 40ft. basalt, bottomed on granite, not payable; drive, in 112ft. S. by E, struck water. Assistance was received from the Prospecting Vote to sink No. 2 shaft which is now 250ft. deep, decomposed granite 25ft; solid, 66ft. 6in.; columnar basalt, 15ft.; beneath this white sandy clay 5ft.; fine, white sand, 5ft.; tough yellow clay, 4ft. 2in.; conglomerate, 1ft. wash, carrying fine gold 2ft.; beneath this granite. From 136ft. the wash is dipping 1 in 3, and is composed of sandstone, quartz, slate, and ironstone conglomerate.

Yields: None as yet.

Area: 20 acres.

Postal and Telegraphic Address: Bathurst.

Remarks: Thirty years ago the proprietor discovered payable gold in a neighbouring creek, and payable gold has been found and worked in other creeks and gullies running from these hills. He is of opinion that it must have come from the basalt, as none can be obtained from the drift on the surface, and believes he is driving through an ancient river bed, most likely the Macquarie. He is of opinion that a payable deep lead exists. The channel he is now driving across runs east and west, and from the surface to the end of the existing drive would require a shaft of 200ft.

RED FLAG GOLD MINE.

Golden Gully, Isabella.

BURRAGA DIVISION.

Proprietors: Donald McVicar, Nicholas Phillips, John T. Mendham, John E. Chiddle, Henry Reid, and Annie R. McLeay.

Mine Manager: Donald McVicar.

Development: 3 head battery, 6 h.p. boiler, Tangye engine and pump, battery shed, dam, races, etc. Main shaft about 40ft. on underlay, reef averaging 2ft. now being stoped back towards surface. Ground dry and easily worked. It is anticipated the reef will prove richer at a lower depth.

Yields: 85 tons crushed yielded 112 oz. smelted gold, valued at £4 2s. 11d. per oz.

Area: 15 acres.

Postal and Telegraphic Address: Burraga.

The reef has been sought the past forty years. Rich specimens had been obtained in the gully and river below, but no trace of the reef was found until McVicar and Read, about three years ago, struck it within 2ft. of the surface. It being small and no machinery in the district where the stone could be treated work has been slow, and uphill. Since the purchase of a battery, however, the proprietors are reaping reward, as the mine pays handsomely, and better results are expected when the main shaft is completed and winding gear erected.

* RED JACKET GOLD MINE.

Canowindra.

CANOWINDRA DIVISION.

Adjoins the Blue Jacket Mine.

RUSSART'S COPPER LEASES.

BLAYNEY DIVISION.

Proprietor: J. Russart.

Prospecting work only being carried on, no information of value consequently available.

* RYAN, DWYER, AND PARTY.

Kenya.

BURRAGA DIVISION.

This claim has been idle, but operations are expected shortly to be resumed.

SLATTERY'S CREEK GOLD MINING CO., N. L.

ORANGE DIVISION.

Registered Office: 118 The Strand, Sydney.

Mines: Stewart's Mine, Forest Reefs; Slattery's Creek Gold Mine.

Nominal Capital: £4,000 in 400 shares of £10 each.

Issued: Full Capital.

Directors: W. V. Read, N. Sydney; T. S. Morgan, Burwood; A. M. Hemsley, Equitable Buildings; Jno. Sands, Esq., 443 Kent-street;

H. Webster, A.J.S. Bank, George-street, Sydney.

Legal Manager: Archd. G. Mitchell.

Mine Manager:

Development: Stewart's Mine, main shaft down 102 ft., shaft 180ft. and drive 142ft., and open cuts on surface; 10 head battery engine, boiler, pumps, etc., complete.

Slattery's Creek Mine, shaft 109 ft., other shafts and surface workings.

Area: 10 acres each.

Postal and Telegraphic Address of Mine: Forest Reefs, via Millthorpe.

SOUTH ANANDALE COPPER MINE.

BLAYNEY DIVISION.

Proprietors: Joseph Sherer and Party.

Area: 40 acres, on Church and School Lands.

Postal and Telegraphic Address: Blayney.

The mine has been worked for a long time by the two partners, but want of capital has crippled enterprise. It is reported to contain some of the richest copper ever obtained in the Blayney district. Samples at grass at the present time average from 29 to 61%. A nice ironstone quartz lode has been struck carrying gold and silver in an 8ft. shaft. The mine is only separated from the Great Anandale Copper Mine by the Carcoar road.

* SPRAGUE AND PARTY.

Burraga.

BURRAGA DIVISION.

STAR OF THE WEST GOLD MINE.

Mount Sugarloaf.

NEWBRIDGE DIVISION.

Proprietor: James Collins, 40 Brougham-street, Glebe Point, Sydney.

Mine Manager: G. D. Stone.

Development: Main shaft down 110ft. on the course of the reef, eight other shafts sunk on the line of reef varying in depth from 40ft. to 106ft., and covering a distance of half-a-mile. The levels are extended north and south on the reef for a distance of 220ft. from the bottom of the main shaft. Four-roomed cottage, blacksmith's shop, dam, etc.

Area: 49 acres.

Postal and Telegraphic Address: Newbridge.

Reef, from 4ft. to 16ft. wide; 1200 tons of rich stone at grass.

THE SUNNY CORNER SILVER MINE.

Sunny Corner.

BATHURST DIVISION.

Proprietors: J. Kemp Charleston, Sunny Corner; Frank L. Gardner, London.

Manager: J. Kemp Charleston.

Chemist and Assayer: V. M. Nevell.

Development: Four 40-tons water jacket furnaces, 4 Baker blowers, 2 Root's blowers, 3 engines, 2 Lancashire type boilers, each 28ft. long by 7ft. 3in. in diameter, with 10 Galloway tubes (5in. each flue), 1 Cornish type boiler, each 28ft. long, by 7ft. 6in. in diameter, with 3 Galloway tubes; lathes, large drilling machine, and various other machinery.

Yields: For 1896, 20,863 tons mined, and smelted product won 513 tons 9cwt., of an ag. cu. matte valued at £22,255.

Postal and Telegraphic Address: Sunny Corner.

THOMPSON AND PARTY.

Black Bullock Mountain.

OBERON DIVISION.

THE TUENA FREEHOLD GOLD MINE.

TUENA DIVISION.

Proprietors: Small Sydney syndicate. (R. Tan, trustee).

Manager: J. W. Tennant.

Development: Tunnel driven 200ft., and tramline laid. One shaft on the underlay 83ft., one shaft (vertical) 40ft., driven 15ft. across the lode, and 18ft. along the lode.

Yields: 1 ton trial crushing at the Clyde Works gave 7 dwts. 15 grains per ton; 4 tons sent to a local battery gave a similar result.

Area: 30 acres, freehold.

Postal and Telegraphic Address: Tuena.

The property consists of 80½ acres freehold, sheep proof fenced, good grazing land. It joins the Golden Dyke Mine, and the lode can be traced and gold obtained for the full length of the 30 acres. Working operations are now suspended pending the flotation and development of the Golden Dyke.

THE UNDAUNTED CLAIM.

BATHURST DIVISION.

Proprietors: Henry Weine, John Weine (The Lagoon).

Mine Manager: Henry Weine.

Development: Roadways and shafts on to the wash just ready for starting;

12 h.p. engine, 5in. centrifugal pump, and complete alluvial washer.

Yields: Only developing.

Area: 5 acres lease of Church and School Lands.

Postal and Telegraphic Address: The Lagoon.

This is an alluvial claim with a big body of wash, and good prospects; 120 tons per day of 8 hours can be treated.

THE UNDAUNTED GOLD SLUICING CO.

TRUNKEY DIVISION.

Proprietors: Edward Jennings, P. Kelly, R. D'Arcy, Thos. Hankins.

Manager: E. Jennings.

Mine Manager: Patk. Kelly.

Development: Just started; water-race, 41 miles.

Yields: No washing yet.

Area: 6 acres.

Postal and Telegraphic Address: Junction, via Trunkey.

The water-race was started on the 1st February, 1897, and was completed in September.

* YICTORIA CLAIM.

Junction Point.

TUENA DIVISION.

THE VICTORY FOREST REEFS GOLD MINING CO., N. L.

ORANGE DIVISION.

Registered Office: 60a Pitt-street, Sydney.

Registered: February, 1897.

Nominal Capital: £3000, consisting of 8000 shares paid for the mine, paid up to 2s. 6d., and 16,000 contributing shares of 2s. 6d. each. No cash was paid for acquiring the property. The contributing shares paid up to 1s. 11d. (10th November, 1897).

Directors: J. C. M'Lachlan, Sydney; H. Newman, M.L.A., Lucknow; Jas. Inglis, Sydney; A. J. M'Lachlan, Sydney.

Legal Manager: Thos. M'Gregor.

Mine Manager: C. A. Dein.

Superintendent: H. W. Newman.

Engineer: A. G. Smith.

Development: Victory shaft bottomed at 132ft., with hole 35ft., drive in 78ft., 6ft. wash. Jersey shaft—Drive in 50ft. on 3ft. wash, cross-cut in 6ft., with superior run of good payable wash; average prospects 15dwt. to loz. per load. 10 head battery, winding gear, etc.

Area: 34 acres.

Postal and Telegraphic Address of Mine: Millthorpe.

There are two shafts (Jersey and Victory) both in wash, the latter showing extensive developments of ancient river bed. Reports of this mine are published regularly in Sydney papers, and is it registered on Sydney Stock Exchange.

WEIR'S CONSOLIDATED GOLD MINING CO., N.L.

BATHURST DIVISION.

Registered Office: 54 Queensland Offices, 18 Bridge-street, Sydney.

Registered: 4th June, 1897.

Nominal Capital: £3,125

Issued: £3,125.

Called Up: Full.

Directors: J. J. Cramp, J. T. Ralston, J. H. Gillies, R. A. Wilson, David M'Mordie.

Legal Manager: J. H. Gillies (temporary).

Development: 10 head stamper battery, 9 cwt. stamps, patent ore bins and feeders, stone breakers, portable engine of 12 h.p., pump, etc., all in first class order and condition. Cutting of about 35ft. across formation, about 8ft. wide and 45ft. deep.

Area: 30 acres.

Postal and Telegraphic Address: Caloola Creek, Bathurst.

A shaft was sunk about 150ft. from the cutting about 30ft. deep, and the same gold bearing formation was found. The whole of the country rock is gold-bearing, and it will be worked by the method known as Mars Mining. All the stuff taken out in the past has been crushed, and from records found to have averaged 7 dwts. per ton. A parcel of 46 tons crushed since the

flotation (but mined before the purchase) and which was measured up and narrowly watched by two directors gave a return of 8½dwts. per ton. There are several reefs on the property, some of which prospect well, and have been opened up by trenches and small shafts. Expect to crush shortly, the erection of machinery being nearly completed. A scheme of water conservation is under consideration.

* WELLINGTON COPPER MINE.

Orange.

ORANGE DIVISION.

Proprietor: W. Payne.

THE WENTWORTH EXTENSION, Ltd.

ORANGE DISTRICT.

Registered Office: 19 St. Swithin's Lane, London, E.C.

Registered: 28th March, 1893.

Nominal Capital: £100,000

Issued: 400,000 shares of 5s. each.

Called up: £100,000

Directors: J. J. Cooper, C. Critchett, W. N. Farmer, F. L. Gardner, and J. E. D. Ryder, London.

Secretary: F. F. Fuller, 19 St. Swithin's Lane, London, E.C.

Local Secretary: John Gainsford, 18 Bridge-street, Sydney.

Mine Manager: H. W. Newman.

Development: A large amount of prospecting work has been done, and a main shaft sunk to a depth of 700ft., besides various other shafts 150ft. to 200ft. deep. The plant consists of winding and pumping machinery.

Area: 60 acres.

Postal and Telegraphic Address of Mine: Lucknow.

The mining operations are being conducted with a view to cut the "contact" (at an estimated depth) upon which adjoining mines have successfully operated for many years.

WENTWORTH GOLDFIELDS PROPRIETARY CO., Ltd.

ORANGE DIVISION.

Registered: 27th November, 1890.

Registered Office: 4 and 6 Throgmorton Avenue, London, E. C.

Directors: The Right Hon. the Earl of Kilmorey, K.P. (Chairman), John E. Perry, H. Chester Master, Admiral F. A. Maxse, Major-General Shaw

Stewart, R.E.

Superintendent: C. G. Warnford Lock, M.I.M.E.

Secretary: Alexander Hislop.

Local Secretary: W. Tarleton, 93 Pitt-street, Sydney.

This Company acquired the gold and silver bearing property known as the Lucknow or Wentworth Goldfields, consisting of about 1,038 acres free-hold, with the exception of the Jackass Mine, about 10 acres; also complete plant consisting of 42 heads of stampers, and other machinery valued at £50,000. The consideration for the property was £450,000 payable £50,000 in cash, £50,000 fully paid priority shares and £350,000 in fully paid ordinary shares.

WOODSTOCK GOLD MINING AND QUARTZ CRUSHING CO., N.L. Tintern, near Woodstock.

WOODSTOCK DIVISION.

Registered Office: 70 Pitt Street, Sydney.

Date of Registration: 15th November, 1895.

Nominal Capital; £6,000 in 48,000 shares of 2s, 6d.

Issued: £6,000.

Contributing: 21,000 shares of 2s. 6d. each.

Amount called up: 1s. 4d. per share on 21,000 contributing shares.

Directors: H. L. Nathan, Darlinghurst; J. Dalgleish, Sydney; P. McEncroe,

Redfern; J. R. Everett, Mt. McDonald; L. Purcell, Woodstock.

Legal Manager: G. S. Buzacott.

Mine: Let on tribute for 2 years.

Development; 10 head of stamps. Main shaft sunk 175 feet.

Area: 14 acres.

Postal and Telegraphic Address of Mine: Scrubby Rush via Woodstock

WRIGHT AND OSBOURNE (Copper Mine). Quigley's Hill.

BLAYNEY DIVISION.

This lode was discovered early in 1896; has been traced into Church and School Lands, and is being vigorously prospected. Development insufficient to permit description.

* WRIGHT'S REEF MINE. Trunkey.

Yields: A crushing during the last week of October, of 49 tons is reported to have yielded 65 oz.

* YOUNG, DUNDEE AND PARTY.

Hockey's Copper Mine, Burraga.

BURRAGA DIVISION.



Clarence and Richmond Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned.)

Antimony, bismuth, cinnabar, coal, copper, gold, iron, kieselguhr, lead, silver, and tin are found in this district.

The amount of gold obtained during 1896 was 6,092oz., being a decrease of 2,164oz., compared with the previous year.

The average known yields from quartz mines for 1895-96 were :—

1895.	•	189 6.
Quantity	3,068 tons.	1,729 tons.
Average per ton	17dwts. 7gr.	17dwt. 17gr.
Yield	2,652oz. 18dwt.	1,539oz. 11dwt.

In the Grafton division efficient machinery is needed for the treatment of the refractory ores, and it is confidently asserted that many of these reefs would pay well if the mines were equipped with proper plant, as they give good promise of permanency, and are of good average width.

In the Nana Creek division the yield of gold increased from 427oz. in 1894 to 2,256oz. in 1896, and a still larger increase may be anticipated. There are several crushing plants in this division.

In the Dalmorton division the output for 1896 was only 339oz. as compared with 572oz. the previous year, the development in the Nana Creek division having attracted the greater part of the miners. There are four crushing plants in this division with an aggregate of 23 head of stamps.

The Woolgoolga division was formed consequent on the discoveries near Corinda. In the absence of crushing machinery very little stone was treated during 1896.

ADVANCE ORARA TRIBUTE GOLD MINE CO.

NANA CREEK DIVISION.

Mine Manager: Wm. Robinson.

Development: Four reefs, two east and west, two north and south. No. 1 east reef 12 to 18in., 4 shafts 80 to 100ft.; No. 2 east reef, 20in., 2 shafts, 70ft. connected by drive, not stoped; No. 1 north reef, 4ft. to 6ft. wide, shaft 50ft., stoping, No. 2 north and No. 3 north only opened. average 12in., 5 head battery, 10 H.P. engine.

Yields: 100 tons from No. 1 east reef averaged 13dwts., 160 tons from No. 2 reef averaged 11dwts. per ton, 48 tons from No. 1 north reef averaged 6dwts. per ton., No. 2 and No. 3 north untried.

Postal and Telegraphic Address: Upper Orara, Coramba, or Coff's Harbour.

Tributors have option of purchase. Two years of tribute to run from October, 1897. Wood and water abundant, now crushing 35 tons to 40 tons per week; stone contains large percentage of mineral.

* BAKER AND PARTY. Bucca Creek (North of Beacon Mine). NANA CREEK DIVISION.

THE BEACON GOLD MINES, Ltd. (Late Taylor's Reward), Coramba.

NANA CREEK DIVISION.

Registered Office: 11 Cornhill, London, E.C.

Registered: 17th October, 1896.

Nominal Capital: £200,000.

Issued: £200,000.

Working Capital: £25,000. Dividends: June, 1897, 6d.

Directors: Lord Lurgan (Chairman), Sir Francis Astley Corbett, Bart., John

Castor, J. B. Cohen.

Secretary: R. M. Bird.

Australian Agents: Gibbs, Bright and Co., Melbourne.

Mining Manager: Wm. Crabb.

Development: 2,400ft. of shafts, drives, cross-cuts, winzes, 10 head of stamps, winding engine.

Area: 65 acres.

Postal and Telegraphic Address of Mine: Coramba, Upper Bucca Creek.

To the 31st July, 1897, 3,706 tons of quartz had been crushed for a yield of 6,029ozs. Subsequently, to October 18th, 552 tons yielded 817ozs.; No vember 3rd, 612 tons 717oz. 14dwt.

BEACON EXTENDED GOLD MINE.

Upper Bucca Creek.

NANA CREEK DIVISION.

Proprietors: E. Hockey and party.

Mine Manager: P. R. Guyther.

Development: One drive, 350ft. with cross-cut 50ft., four cuttings ranging in length from 20ft. to 100ft. long; two shafts commenced, blacksmith's shop, etc.

Area: 12 acres.

Postal and Telegraphic Address: Upper Bucca Creek.

Driving to cut Beacon reef. At 300ft. cut leader carrying only trace gold, at 340ft. cut reef formation 2ft. wide; country decomposed diorite, black slate and quartz, etc.

BLACK SLATE CREEK MINE.

Dalmorton.

DALMORTON DIVISION.

Proprietor: Alfred Cadell.

* BLACK SNAKE MINE.

Mann River.

DALMORTON DIVISION.

BLUE MYSTERY MINE.

Lower Bucca.

NANA CREEK DIVISION.

Proprietors: William Rowles, E. Blakeney and Party.

Mine Manager: George Eccleton.

Development: Three shafts, 40ft., 50ft., and 50ft.; about 70ft. driving

between the first two shafts. Reef from 1ft. 6in. to 3ft. wide.

Yields: Total crushed 173 tons. 109 tons in 1896 for 216oz. 15dwts.; to September, 1897, 64 tons for 116oz. 17dwts. A further crushing was reported at the end of September of 55 tons for 104oz.

Area: 8 acres.

Postal and Telegraphic Address: Lower Bucca, via South Grafton.

* BRYANT AND PARTY. Grafton.

GRAFTON DIVISION.

* BUSHALL BROS.

Lower Bucca Creek.

NANA CREEK DIVISION.

* CHRISTMAS GIFT CLAIM.

Lower Bucca.

NANA CREEK DIVISION.

Proprietors: Morris and Party.

CORAMBA KING AND EYENING STAR GOLD MINES. Coramba Creek.

NANA CREEK DIVISION.

Proprietor: Alfred Cadell.

* THE EMPRESS MINE. Lower Bucca Creek. NANA CREEK DIVISION.

THE EYALIN GOLD MINE.

Lower Bucca Creek.

GRAFTON DIVISION.

?roprietors: Singleton, Phillips and Party.

Development: Four shafts, averaging 60ft. No machinery, Yields: From the four shafts, 200 tons for a yield of 95 oz.

Area: 5 acres.

Postal and Telegraphic Address: Lower Bucca, via Grafton.

* FLOWER OF THE FOREST MINE.

Woolgoolga.

WOOLGOOLGA DIVISION.

Proprietor: Rolland Gibson.

Yields: 9½ tons of ore were sent to the Illawarra Smelting Works for treat-

ment at the end of September.

GIPSY QUEEN CLAIM. Grafton.

GRAFTON DIVISION.

A crushing of 25 tons for a yield of 39oz. was reported on the 2nd November.

* GOLDEN BAR MINE.

Coramba.

NANA CREEK DIVISION.

Proprietors: Pollock and Heeney.

THE HOTEL REEF MINE.

Woolgoolga.

WOOLGOOLGA DIVISION.

Proprietor: W. T. Pullen.

Development: One shaft 30ft., drives on to vein east 6ft., other shaft 55ft. on vein, which is small in places. The formation is similar to a dyke, composed of diorite, altered slate and quartz in places. Gold has been seen in the dyke.

Yields: 2 tons only crushed, giving 2oz. 13dwt. per ton.

Area: 5 acres.

Postal and Telegraphic Address: Woolgoolga.

The country is not at all settled; no defined walls, but it is expected these will come at a further depth.

* LADY ELSIE MINE.

Coramba Creek.

NANA CREEK DIVISION.

Development: Shafts, aidit, battery, etc.

Yields: Preliminary crushings were satisfactory. No after information has been received.

Area: About 12 acres.

This mine is situated on the S. W. boundary of the Coramba King Mine.

* LADY HELEN CLAIM. Cameron and Party, Corinda. WOOLGOOLGA DIVISION.

The Mines Department regarded this as the principal claim on the field; good reef 10in. wide; preliminary crushing of 28 tons gave 84oz. gold.

* LILLAH CLAIM. Mole Creek, Grafton. GRAFTON DIVISION.

Proprietors: Keats and Ross.

LITTLE DORA GOLD MINE.

Mann River.

DALMORTON DIVISION.

Proprietors: E. Hookey, J. J. Driscoll, F. Kimpton, and others of Grafton.

Mine Manager: E. Hookey.

Development: Shaft, 96ft., cross-cut to foot of same 94ft., driven on lode at this level 60ft; driven on lode at intermediate level 81ft., some stoping done, another level 20ft. lower; cross-cut driven 90ft. Plant consists of 10 H.P. engine, 10 H.P boiler, Dodge rock breaker, Knowles pump, Woodbury concentrator, 3ft. 6in. Huntingdon mill, and all requirements for working.

Yields: From 80th October, 1896, to 29th April, 1897, 311oz. 9dwts.—22oz. 10dwts. of which was from concentrates, average yield 14dwts. per ton.

Area: 7 acres.

Postal and Telegraphic Address: Mann River via Dalmorton.

Four months' suspension expired in October, and work has been resumed.

* LITTLE PLAIN GOLD MINING SYNDICATE. Mole Creek, Grafton.

GRAFTON DIVISION.

Development: 10 head stamp battery, etc.

MOUNT ORARA GOLD MINE, N. L.

Coff's Harbour.

NANA CREEK DIVISION.

Registered: 14th November, 1893.

Registered Office: 63 Pitt-street, Sydney.

Nominal Capital: £25,000.

Legal Manager: A.G. Robertson.

MOUNT REA GOLD MINING CO., Ltd.

Mann River.

DALMORTON DIVISION.

Registered: 80th November, 1895.

Registered Office: 11 St. Mary Axe, London, E.C.

Capital: 60,000 in £60,000 shares of £1 each.

Issued: 50,000 shares, and fully paid, 37,500 being credited as paid. In July, 1896, 12,500 shares were offered for public subscription, payable 2s. 6d. on application, 2s. 6d. on allotment, and the balance in calls of not more than 5s. at intervals of not less than one month.

Directors: John Hay (Chairman), E. R. Cummins, Louis R. Glass, A. C. Holland.

Secretary: James Junner.

Local Agent: C. B. Roden, Vickery's Chambers, Pitt-street, Sydney.

Mine Manager: Archibald Blair.

Development: A 10 head stamp battery, 32 H.P. engine, two 16 H.P. boilers-&c., &c.

Area: 15 acres, and two acres leasehold.

Postal and Telegraphic Address of Mine: Dalmorton.

The purchase consideration was £40,000 payable £2,500 cash and 37,500 in fully paid shares.

NEW CORAMBA QUEEN GOLD MINING CO., N. L.

NANA CREEK DIVISION.

Registered Office: 418 Collins-street, Melbourne.

Name of Mine: Coramba Queen.

Registered: 2nd August, 1897.

Nominal Capital: £15,000, divided into 30,000 1Cs. shares.

Issued: £7,500.

Amount Called up: Shares are paid up to 5s.

Directors: Thos. Tanner, W. Wilkinson, F. H. Brunner, J. J. Robinson, D. Scott (Melbourne).

Legal Manager: H. K. Bennett.

Mine Manager: John Evans.

Auditors: J. P. Burnip and E. L. Wilson, Melbourne.

Development: Plant 10 head battery, 20 H.P. portable engine, Halley's percursion tables and concentrators.

Mine: Underlie shaft on reef 4ft. wide, drive south from this shaft 80ft.; north 50ft. Reef stoped to surface from 50ft. level. Vertical shaft down 100ft., reef drive north 78ft., south 20ft.; no crushing from this level taken out yet; reef averages 3ft. 6in. wide. Crushings have averaged 18dwt. gold per ton.

This Company is the reconstructed Company of the original Coramba Queen Gold Mining Company, N. L.

Area: 21 acres.

Postal and Telegraphic Address of Mine: Coramba.

NEW SENSATION CLAIM. Corinda.

WOOLGOOLGA DIVISION.

Proprietors: Alexander M'Callum and party.

Development: 2 shafts, 40ft. and 20ft., drive 40ft.

Yields: 5 tons for loz. 3dwts. per ton: 6 tons for 15dwt. per ton.

Area: 6 acres.

Postal and Telegraphic Address: Corinda.

THE NEW SOUTH WALES CINNABAR PROSPECTING CO., Ltd.

GRAFTON DIVISION.

Registered Office: 5 Moore-street, Sydney.

Date of Registration: 27th July, 1896.

Nominal Capital: £2,200 divided into 110 shares of £20 each, 80 of which

are fully paid up, and 30 contributing.

Issued: 19 of the contributing and 80 fully paid up.

Called up: £15 per share, as shares issued as paid up to £5 each.

Directors: Herbert Churchill Purcell, M.D., 13 Jameson-street, Sydney; James Collins, Brougham-street, Glebe Point; Charles Stanley Allen, 359 George-street, Sydney.

Secretary: H. Ernest A. Miller.

Mine Manager: (Late) George Stone.

Other Officials: Louis Bennis (caretaker).

Development: 2 shafts and several costens. No. 1 shaft down 65ft., No. 2 shaft down 28ft. Lodes containing mercurial ore in No. 1 shaft from 1ft. to 11ft. or 12ft. wide. All other workings show payable cinnabar ore.

Area: 80 acres, held under mineral lease from Crown in two 40-acre blocks. Postal and Telegraphic Address of Mine: Lionsville Postal, and Grafton Telegraphic.

Mine not working. Directors in treaty with London capitalists for purpose of raising £1000 or £2000 to equip mine with reduction plant, etc.

* THE MATILDA MINE.

Nana Creek.

NANA CREEK DIVISION.

* MOUNTAIN MAID CLAIM.

Lower Bucca.

NANA CREEK DIVISION.

Proprietor: David Pont.

This mine is situated five miles from Cordueba, and two miles from Nana Glen, and is on private property. Shaft only 10ft., but a good body of stone 2ft. wide is reported to have been met with. Stone is being carted to a local battery for treatment.

Area: Gold lease of 5 acres.

* MOUNT BROWN MINE.

Lower Bucca Creek.

NANA CREEK DIVISION.

A recent report states that this claim is looking well, the big lode being 12ft. wide, and the small lode 6ft.

MOUNT REMARKABLE MINE.

Springbrook.

DALMORTON DIVISION.

Proprietors: Oldham and party.

Development: A 3-head stamper battery known as "The Prospector."

Aid was granted from the Prospecting Vote in 1896 to drive a tunnel.

* M'PHERSON AND PARTY.

Lower Bucca Creek.

NANA CREEK DIVISION.

A. OPPENHEIMER (Platinum Leases).

RICHMOND RIVER.

Area: 120 acres.

Postal and Telegraphic Address: Box 1229, G.P.O., Sydney,

THE PENROSE REEF.

Yugilbar.

GRAFTON DIVISION.

Proprietor: William Penrose, Yulgilbar.

Mine Manager: F. Hayes.

Development: No plant; 4 shafts 20ft., 25ft., 35ft, 40ft., about 25ft. drive

along line of reef.

Yields: 320oz., value £3 15s. per oz., from 45 tons stone.

Area: 15 acres 13 perches.

Postal and Telegraphic Address: Yulgilbar, Grafton.

The whole of the stone broken from the reef has been crushed in an ordinary stamper battery.

WEDDING BELLS CLAIM. Woolgoolga (6 miles from) WOOLGOOLGA DIVISION.

Proprietors: Murray and M'Naughton, Murrayville, Clarence River.

Development: Prospecting shaft 160ft., 5 head stamp battery on Corinda Creek.

Yields: First crushing 30 tons of surface stuff put through, more to cover the plates than for the yield expected, returned 14dwt. per ton smelted gold; 21 tons quartz taken from the prospecting shaft yielded 106ozs. smelted gold; second lot 34 tons for 97oz. 10dwts. smelted gold.

Postal and Telegraphic Address of Mine: Woolgoolga.



Cobar Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned).

THE COBAR GOLD FIELD is destined to become one of the greatest mining centres of Australia, its vast low grade formation offering scope for profitable treatment, almost without parallel. The development of the field during the past year, taking all circumstances into consideration, has been most satisfactory. The Cobar Gold Mines, Ltd. have completed the erection of their plant and machinery, and the mine is now in full working order. The details of the reconstruction of the Cobar Mining Company under the title of the Cobar Chesney Copper and Gold Mining Company will be found in the following pages, together with the announcement that the Great Cobar and Nymagee Copper Mining Syndicate have acquired the Great Peak Free-hold Gold Mine, and part interest in the adjoining Conqueror Mine. It may be fairly anticipated that the success attending their operations in connection with the Great Cobar Copper Mine at the northern extremity of the field will be followed with similar results at the southern.

In this division during 1896 many of the batteries were hung up through want of water, but advantage was taken of the drought to enlarge some of the dams, and the district now boasts of possessing the largest in Australia in that of the Cobar Gold Mines, Ltd., which has a capacity of over 26,000,000 gallons sufficient to insure a year's supply without rain. The quantity of gold produced, however, exceeded the previous year by about 16,000ozs., the total amount won being 25,750oz., valued at £83,525. On almost every mine on the field improvements and additions to the machinery have been made during the year—a satisfactory proof of the future prospects of gold-mining in the Cobar district.

A new find known as the Restdown Gold Field was made in the Cobar Division in February last, situated on Restdown Sheep Station, midway between Cobar and Nymagee. The field has hardly been prospected, but all

the claims are reported to be rich. There are no facilities for testing the stone, however, as it has to be carted 31 miles to Cobar, and water has to be carted 4 miles.

Mount Drysdale field compared with a few years ago bears a deserted appearance, as nearly the whole of the mining tenements were abandoned. Several grants, however, have been made from the Prospecting Vote in this locality, and work is being carried on. The Mount Drysdale, the New Eldorado, and the Mount Billigoe are the principal mines in the division.

GILGUNNIA.—Gold was first discovered in 1895 by an aboriginal—Jacky Owen. The field is situated 80 miles from Nymagee, in a south-westerly direction. The geological formations consist of highly-cleaved Silurian slates and intrusive bosses and dykes of quartz-felspar porphyry. The reefs occur in the slates. These rocks are decomposed to great depths, and this circumstance has enabled mining in the past to be carried on at a very low cost There are two distinct fields—one near the surveyed township and the other four miles east of it. The workings upon the former field are for the most part grouped along two lines of reef, which are approximately parallel and half-a-mile distant from one another.

In the Mount Hope Division the Mount Allen Gold Mining Company raised 3,175 tons, which yielded 561oz. gold. Considerable prospecting is being carried on in the vicinity of Mount Dromedary.

Average yields (where the quantity of stone treated can be ascertained) from quartz mines in the Cobar mining district for 1895-1896:—

1895. 1896.

Quantity ... 12,507 tons 3,129 tons

Average per ton 10 dwts. 18grs. 9 dwts. 17grs.

Yield... 6,601 oz. 10dwt. 1,541oz. 11dwt.

The Great Cobar Copper Mining Co., Ltd., own the largest copper mines in New South Wales, which give employment to about 450 men. The Tributors have three 60-ton water jacket furnaces at work, and during 1896 they raised 66,481 tons of ore, which yielded 2,650 tons of smelted copper, valued at £166,726 with gold and silver contents. The plant has been added to and improved, which will permit of the output being greatly increased. The ore is converted into "matte," and conveyed to the refining works at Lithgow for further treatment. During 1896 the Nymagee Copper Mine raised 8,249 tons of ore, which yielded 380½ tons of copper valued at £17,948. The present output, which

is increasing, amounts to about 100 tons per month of refined copper. This mine has been acquired by the Great Cobar and Nymagee Copper Mining Syndicate, and water jackets have been erected. At Mount Hope the New Mount Hope Copper Company raised 1,092 tons for 141½ tons refined copper, valued at £5,660 18s. 3d. The output for the half-year ended July, 1897, realised nearly £5,000. The Great Central Copper Mine, at South Mount Hope, raised 454 tons for 55 tons smelted copper, valued at £2,195. This mine was only worked for about six months during 1896. The Tributors who took possession in April last anticipate an output of 70 tons by Christmas.

BAKER'S PERSEYERANCE MINE.

Cobar.

COBAR DIVISION.

A test crushing was about to be put through just as we were going to press. Indications of the proximity of silver-bearing ore are reported.

THE BALARA GOLD MINE.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: A. S. Cole, G. Eason, A. Eason, L. M'Queen, J. Blakeney, W. Wilson, A. H. Backeman, E. Mooney, W. Joseph, J. Kervin, J. Duncan, W. J. Helm, J. W. Dean, P. Le Lievre, H. Preston, R. Williams, T. O'Brien, F. W. Pommer, W. J. Wilson.

Secretary: W. J. Wilson.

Development: Shaft 75ft., drive 36ft. 6in., disclosing lode formation, yielding occasional prospects at 50ft. level, windlass and tools.

Area: 80 acres.

Postal Address: Gilgunnia.

Telegraphic Address: Via Mount Hope or Nymagee.

This is regarded as a prospecting venture.

* THE BARCON MINE.

The Peak, Cobar.

COBAR DIVISION.

This mine is practically abandoned, no work having been done on it for eight or nine months, and that only surface trenching.

THE BIG TUNNEL GOLD MINE.

Mount Drysdale.

MOUNT DRYSDALE DIVISION.

Proprietors: MacPherson and party.

Manager: Robert MacPherson.

Development: Tunnel driven 400ft., shaft sunk to a depth of 80ft.; large open cut from which a trial crushing was recently taken, and gave a return of loz. gold per ton.

Area: 8 acres, 3 roods, 8 perches.

Postal and Telegraphic Address: Mount Drysdale.

THE BOPPY MINE.

Boppy Mountain.

COBAR DIVISION.

Proprietors: M. P. Brown, Rookery Station; M. D. O'Grady, Nymagee; G. W. Budd, Florida Siding; T. Reid, Florida Siding.

Development: Shaft down 110ft.

Yields: Two trial crushings of 7 tons each treated at Clyde Works returned 1 loz. gold per ton.

Area: 960ft. by 400ft.

Postal and Telegraphic Address: Boppy Mountain.

THE BURRA BURRA COPPER MINING CO., N.L.

COBAR DIVISION.

Registered Office: Barton-street, Cobar.

Registered: March 1st, 1897. Nominal Capital: £30,000. Issued: £12,500.

Called up: £2,500. A call (the fourth) of 3d. per share was made on the 10th November.

Directors: J. A. Walton (Chairman), Cobar; Wm. Trotten, Sydney; Wm. H. Bannister, John Bailey, Cobar; Louis Janin, Orange.

Legal Manager: A. T. MacNeill.

Mine Manager: John Foster.

Development: Main shaft timbered and divided into three compartments; is down 200ft. where it is proposed to connect the lode; three other prospecting shafts upon the lode, brick stack, reverberatory furnace, dam, manager's cottage, blacksmith's shop, poppett heads and engine room with winding plant complete, &c., &c.

Area: 160 acres, upon the line of lode consisting of four 40-acre mineral leases.

Postal and Telegraphic Address: Cobar.

The formation at the 80ft. level shows 100ft. from the eastern to wide western wall.

* CLANCEY'S OYERFLOW SILVER MINING CO.. N.L. Bobadah.

NYMAGEE DIVISION.

Registered Office: Nyngan.

Registered: 29th January, 1897.

Legal Manager: J. O. Byrnes.

Capital: £500.

It was reported on the 14th October that operations on this mine were tocommence forthwith.

COBAR BERRIBUNGIE GOLD MINE CO., N.L. Cobar (Copper and Gold).

COBAR DIVISION.

legistered Office: Barton-street, Cobar.

tegistered: June, 1896.

`apital: £20,000.

Legal Manager: A. T. McNeill.

A suspension of labour conditions expired during the second week in November, and a fresh contract for sinking the main shaft was let.

* COBAR GOLD MINES, Ltd.

COBAR DIVISION.

Registered Office: 82 Old Jewery, London, E.C.

Registered: 17th March, 1896.

Mines: The Jubilee, Griffin, Eureka, Old Fort Bourke, Reform, North Chesney, and a number of smaller claims.

Nominal Capital: £200,000 in shares of £1 each.

Issued: 175,007, which are fully paid up, and include 120,000 issued to vendors, also credited as fully paid.

The purchase consideration was £145,000 in shares and cash.

Directors: Robert Smith, J.P. (Chairman), W. Lloyd, J. McDonald, A. Crump, W. Trubshawe, E. S. Revett, W. T. Morrison.

Secretary: Walter Bramall.

Mine Manager; J. F. O'Gorman, Cobar.

Area: About 80 acres.

Postal and Telegraphic Address: Cobar.

This Company was promoted to acquire the mines above mentioned, the chief of which (the Fort Bourke) had been worked for a number of years without much profit to its proprietors, partly because the ore was subjected to but primative treatment, but principally because the "proposition" the mine presented demanded a large and comprehensive solution, impossible with the means at command.

The property consists of an immense formation of low grade ore in the narrowest portion 54ft. wide, of which there are hundreds of thousands of tons in sight ready for quarrying, and offering exceptional facilities for economical working. The average assay of several hundred samples taken being from 7dwt. to 8dwts. per ton. The greater part of the mine will doubtless be developed on the open cut system. But we understand that it is intended to sink a main shaft to the water level (500ft.), the ore at that depth being richer than that exposed in the levels near the surface, and to test the ground for copper sulphides, of which no trace has so far been found, but which it is

expected may be met with at a depth of 400ft.. There are three tunnels, the longest, the Fort Bourke, 300ft. by 81ft. in width and 7ft. in height, and one shaft 200ft. in depth. A tank has been constructed at a cost of about £7,500, 427ft. square, having an average depth of 18ft. 6in., and a total capacity of 26,299,762 gallons, a sufficient supply for twelve months. A Knowles duplex plunger steam pump (supplied by Messrs. Parke and Lacy) delivers to the receiving tank at a distance of one and three quarter miles, and an elevation of 122ft. above the main dam. The plant includes a mill of 100 quick dropping stamps with a falling capacity of 110 drops per minute, capable when in full work of treating about 2,000 tons per week; two rock breakers with a capacity of 100 tons each per shift. The amalgamating tables are 12ft. long by 51in. wide, and carry 2 lozs. of silver amalgam to every square foot of surface, worked in by hand. The engines were manufactured by the Union Iron Works, and are supplied by four multi-tubular boilers. A cyanide plant was acquired from the Australian Gold Recovery Company on the formation of the Company, but should it be decided to employ this process for the reduction of the ores, and there are some portions of the mine where the gold is heavily coated with iron oxide, its capacity will have to be much increased. The whole of the works, open cuts, and surface workings, battery, engine-room, and offices are lit by electricity installed by the Brush Electrical Engineering Co.

THE COBAR CHESNEY COPPER AND GOLD MINING CO., N.L. Cobar Division.

Registered Office: Equitable Buildings, George-street, Sydney.

Registered: November, 1897.

Capital: £200,000 in 200,000 shares of £1 each. 100,000 shares are offered for public subscription. 5s. per share on application; 5s. per share on allotment; the balance in calls as and when required, of not more than 1s. at intervals of not less than two months.

Issued: 100,000 shares fully paid up, and £35,000 in cash to be retained by the vendors as a consideration for the property. The vendors to pay all expenses in connection with the company up to the date of allotment. Working capital of the company, £65,000.

Provisional Directors: *V. J. Saddler, Esq. (Baxter and Saddler), 14 Flinderslane, Melbourne; John Howell, Esq. (General Manager Smelting Works of Australasia), Sydney; James Grice, Esq. (Grice, Sumner. and Co.), Melbourne; Lewis Lloyd, Esq. (Proprietor of Burraga Copper Mine and Smelting Works, Lithgow), Norwich Chambers, Hunterstreet, Sydney; Alex. Campbell, Esq. (Director of Block 10, Broken Hill), Melbourne; The Hon. F. B. Suttor, Burrandong, New South Wales *George Gray, Esq., Equitable Buildings, George-street, Sydney; C. E. Pilcher, Esq., Q.C., Wentworth Court, Sydney.

*Will join the Board after allotment.

Secretary: A. Sydney Joseph.

Mine Manager:

Other officials:

Area: 98 acres, 38 perches leasehold; 100 acres freehold.

Postal and Telegraphic Address of Mine: Cobar.

This Company is being formed for the purpose of acquiring the property of the Cobar Mining Company (no liability). The purchase also embraces the plant and machinery now on the mine, including three batteries, each of five head of stampers, a Huntingdon mill, together with pumps, boilers, engines, &c.

The object of the Company will be to work the large auriferous and cupriferous deposits contained in the leases on an extensive and scientific system, to which purpose the works and machinery necessary will be erected. The property has been carefully examined by a number of the most competent experts in Australia, who are unanimous in their appreciation of the intrinsic merits of the mine.

Under the old Company the main lode of the mine was worked for gold, no copper having appeared on the surface, whilst the gossany slates were richly auriferous.

With depth, however, occurred a change in the character of the ore, the gold becoming associated with copper and other metals, from which it could not be readily separated and extracted by analgamation. The new company will, therefore, treat the ore on an entirely different principle, and, under advice of the most capable metallurgists, the whole system of extraction will

be altered. The ore will be smelted; and the working capital has been calculated with a view to the erection of electrolytic works, should the management deem them advisable.

[The prospectus, from which the above is extracted, was published just as we were going to press. See Cobar Mining Co., N. L.]

COBAR GREAT WESTERN GOLD MINING CO., N. L.

COBAR DIVISION.

Registered: 16th April, 1895.

Registered Office: 122 Vickery's Chambers, 82 Pitt-street, Sydney.

Capital: £50,000 in £1 shares.

Issued: 50,000.

Called: Up to 19s. 1d. per share.

Dividends: To date 8d.

Directors: James Collins (chairman), John Jas. Collins, Russell Barton,

W. N. Willis, Grainger Barton, P. R. J. Brien.

Legal Manager: Charles Benjamin Roden.

Mining Manager: Alfred Chapple.

Yields to date: 2650 tons for 2246ozs.

Area: 24 acres.

Postal and Telegraph Address: Cobar.

Over 1500 tons were crushed and treated prior to registration of Company for an average yield of 1\frac{1}{4}ozs. to the ton. (The mine was then called the Albion Gold Mining Syndicate).

* THE COBAR MARITANA GOLD MINING CO., N.L. Cobar.

COBAR DIVISION.

Registered Office: Cobar.

Registered: July, 1896.

Capital: £12,500.

Directors: W. N. Musgrove, J. O. Hunt, J. J. Sudgeon, M. O'Halloran.

Legal Manager: Will Hunt.

COBAR MINING CO., N.L.

COBAR DIVISION.

Registered Office: Prell's Buildings, Queen Street, Melbourne.

Name of Mine: (Late), The Cobar Chesney Mine.

Date of Registration: 5th January, 1892.

Nominal Capital: £25,000, 100,000 shares of 5s. each.

Issued: Whole.

Called up: 2s. 1d. per share.

Directors: G. Bullen, J. S. Vickery, Wm. Wilding, J. R. A. Milligan, W.

W. Senior, G. D. Menaill.

Legal Manager: John Cameron.

Mine Manager: John Ley.

Development: General: 15 head battery Huntington Hill, Watson and

Denny pan, &c.

Area: About 200 acres.

Postal and Telegraphic Address of Mine: Cobar.

There is an immense lode formation running through this company's ground, which, with proper appliances, should provide years of profitable working. The Company has one of the best shafts on the field. [See Cobar Chesney Copper and Gold Mining Co., N.L.]

CONQUEROR GOLD MINING SYNDICATE.

The Peak, Cobar.

COBAR DIVISION.

Proprietors: Thomas Barrass, John P. Conley, Wm. E. Conley.

Managed by the proprietors generally.

Secretary: John A. Hughes.

Development: Main shaft, 10ft. by 4ft., 120ft. deep; lode driven on for 60ft., with an average width of 9ft.

Yields: 1897—From June 9 to September 4, from ore treated at Illawarra and at the Great Cobar Copper Syndicate's Works, Lithgow 204 tons 19cwt. 3qr. for 196oz. 8dwt. 1gr. gold; 24,549oz. 15dwts. silver. A parcel of 100 tons was being treated at the latter works on 1st October with corresponding results on assay.

Area: About 5 acres.

Postal and Telegraphic Address: The Peak, Cobar.

The mine is situated to the south of, and on the line of, the Great Peak Freehold G. M. Co.s Brown lode.

Since the above was in type a preponderating interest in this syndicate has been acquired by the Great Cobar and Nymagee Copper Mining Syndicate. See Great Peak Freehold G. M. Co., N. L.

*DRYSDALE GAP, No. 1, GOLD MINING CO.. N. L.

COBAR DIVISION.

Registered Office: Cobar.

Registered: January, 1895.

Capital: £750.

Legal Manager: T. Blakey.

*EIGHT HOURS CLAIM.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietor: Duncan and Jobson.

SILYER LEASES (South of the Overflow). Bobadah.

NYMAGEE DIVISION.

Proprietor: Samuel Gee, Vickery's Chambers, Pitt-street, Sydney.

GIRILAMBONE COPPER MINING CO., N. L. Girilambone.

COBAR DIVISION.

Registered Office: 131 Pitt-street, Sydney.

Registered: 18th October, 1896.

Nominal Capital: £50,000 in £1 shares.

Issued: All shares issued.

Called up: 18s. 6d. per share.

Directors: George Pauton (chairman), 39 Castlereagh-street, Sydney; John Broomfield, Sussex-street, Sydney; Alfred Harcourt, Walker-street, North Sydney; James Morgan, "Boondalla," Ocean-street, Bondi.

Legal Manager: Leonard Dodds.

Mine Manager: William Blakemore.

Development: This company has a complete mining, concentrating, and smelting plant, and is producing refined copper weekly. Present plant is capable of turning out 80 to 100 tons refined copper per month, and additions are now being made which will enable the output to be about doubled.

Area: 1600 acres freehold.

Postal and Telegraphic Address of Mine: Girilambone.

GIRL IN BLUE MINE.

Restdown Gold Field.

COBAR DIVISION.

Proprietors: A. Gallagher and party, Restdown, Cobar.

Mine Manager: A. Gallagher.

Development: Two shafts sunk, No. 1. 66ft., and driven on the course of the reef; No. 2 shaft 20ft.

Yields: Nil, stone now being bagged to send away.

Area: 6 acres.

Postal and Telegraphic Address of Mine: Cobar.

This is a very rich show, but will take time to develop.

On the 15th November a crushing of 9 tons for 17oz. was reported.

GOLCONDA GOLD MINING SYNDICATE.

Tindury.

COBAR DIVISION.

Secretary: W. H. Howard.

Mine Manager: P. Morrissey.

Development: No. 1 shaft 22ft. with drive 22ft. at 50ft., No. 2 shaft 10ft.,

No. 3 shaft 25ft. Several open cuttings.

Area: 15 acres.

Postal and Telegraphic Address: Tindury, 34 miles from Cobar.

The lode is 10ft. wide, carrying gold from wall to wall in greater portion of sinking; no crushings or reliable assays. The gold is fine, and ore should be treated by cyanide process. The syndicate is now endeavouring to obtain a plant.

GOOD FRIDAY GOLD MINING CO., N.L. Restdown.

COBAR DIVISION.

Registered Office: Marshall-street, Cobar.

Registered: 25th September, 1897.

Legal Manager: Wm. Bedford. Mine Manager: W. O. Caldwell.

Development: Work started recently: shaft, 35ft. Rich stone reported to have been struck during the first week in November. Some of the stone

from this mine has assayed over 100oz. to the ton.

Area: 12 acres.

Postal and Telegraphic Address of Mine: Restdown, via Cobar.

GREAT CENTRAL COPPER MINE.

South Mount Hope.

MOUNT HOPE DIVISION.

Proprietors: Taken over by a party of tributors in March last.

General Manager: David Jones.

Development: Cracker and rolls have been erected, and a jigging plant is in course of construction which when completed will enable the tributors to treat the payable low grade ores, of which there is an almost unlimited supply.

Yield: The higher grade ores are being smelted in the meantime, and it is estimated that about 70 tons of copper will have been put through by Christmas.

Postal and Telegraphic Address: South Mount Hope.

The Mines Department report the output for 1896 as 454 tons for 55 tons smelted copper, valued at £2195 (working six months only).

GREAT COBAR COPPER MINING CO., Ltd.

COBAR DIVISION.

Registered: 10th January, 1876.

Registered Office: 131 Pitt-street, Sydney.

Capital: £80,000 in £1 shares.

Issued: 80,000.

Called: Fully paid-up.

Dividends: £181,000 in 27 dividends amounting to £2 5s. 3d. per share.

Directors: T. H. Kelly (Chairman), B. McBride, R. Curtis, A. G. Y. Shaw,

Dr. Samuel T. Knaggs.

Secretary: Leonard Dodds.

Mining Manager: This mine is let on tribute to the Great Cobar Copper Mining Syndicate.

Area: About 1100 acres freehold.

Postal and Telegraphic Address: 181 Pitt-street, Sydney.

The output for the past twelve months, founded on late official reports, was: Ore treated, 63,864 tons; copper, 2699 tons; silver, 30,424ozs.; gold, 12,414ozs. Average contents of ore: Copper, per cent., 4.22; silver, 0.48; gold, 0.194.

The returns for the half-year ended 80th June, 1897, were as follows:—Ore treated, 33,400 tons; copper produced, 1307 tons; gold contained, 6525oz.; silver contained, 15,516oz. The averages of production were: Copper, 3.91 per cent.; gold, 3dwt. 21grs. per ton of ore; silver, about half-an-ounce per ton.

THE GREAT COBAR AND NYMAGEE COPPER MINING SYNDICATE.

COBAR DIVISION.

Proprietors: Dr. Read, Singleton; William Longworth, Lithgow; Thomas Longworth, Cobar; Hon. A. J. Gould, Sydney; A. A. Dangar, Singleton; W. W. Robinson, Singleton.

Managing Director: Dr. Read, Singleton.

General Manager: W. Longworth, Lithgow.

Mine Manager: T. Longworth, Cobar.

Tributors to the Great Cobar Copper Mine, Cobar; Proprietors of the Nymagee Copper Mine, Nymagee; the Great Peak Freehold Gold Mine, Cobar, and holders of a preponderating interest in the Conqueror Gold Mine, Cobar; proprietors of the Copper Smelting and Refining Works, Lithgow. (P. H. Goldsmid, superintendent).

The requisite public notice has been given by this Syndicate of their intention to apply for powers to construct and maintain a railway from the mines of the Great Cobar Copper Mining Co., Ltd., to communicate with the Great Western Railway, Nyugan, to Cobar Branch, for the purpose of more beneficially working the said mines. [This connection is now effected, and the railway is in use.]

THE GREAT NORTHERN GOLD MINING CO., N.L.

COBAR DIVISION.

Registered Office: Barton-street, Cobar.

Registered: September, 1896.

Nominal Capital: £50,000.

Amount Called up: 10s. 6d.; shares were issued as paid up to 10s.

Dividends: Nil.

Directors: T. E. Farquhar, Cobar (Chairman); Robert Baxter, Cobar: Grainger Barton, Bourke; George Hulley, Cobar; Charles Mallett, Cobar; Russell Barton, Sydney.

Legal Manager: John H. Fallick.

Mine Manager: Wm. H. Mallet.

Development: There are 3 shafts; No. 1 is down 97ft. 6in. from brace; country very hard from this shaft; contractors are driving west. The manager reports country getting more favourable, silver and gold showing slightly. No. 2 shaft is sunk 116ft. and No. 3 67ft. 6in. Plant, usual mining plant.

Area: 10 acres.

Postal and Telegraphic Address of Mine: Cobar.

This property adjoins Barrass and Conley's properties at The Peak, Cobar, and should, given necessary capital, turn out a good property The directors still have good belief in the mine.

THE GREAT SOUTHERN AMALGAMATED GOLD MINING CO., N. I COBAR DIVISION.

Registered Office: Barton-street, Cobar.

Registered: November, 1896.

Nominal Capital: £100,000.

Called up: 10s. 3d., being issued as paid-up to 10s., and call now due.

Dividends: Nil.

Directors: T. E. Farquhar, Cobar (chairman); John Crow, Cobar; Grainge Barton, Bourke; George Hulley, Cobar; Robert Baxter, Wm. Hens Mallett.

Legal Manager: John H. Fallick.

Mine Manager: Charles Mallett.

Development: Four shafts and a considerable amount of driving. The country is thought to be very promising, but up to the present nothing payable has been discovered. Gold has been located several times, but the main body has not been found.

Area: 35 acres.

Postal and Telegraphic Address of Mine: Cobar.

The last call made has not been as well responded to as the directors hope. From the drives of one of Barrass and Conley's valuable properties adjoining Great Southern A.G.M. Co. the lode has been located to very close proximit to one of the above shafts. With the call all paid the directors has great hopes of proving the Great Southern A.G.M. Co. a payable property.

THE GREAT TARCOMBE GOLD MINE.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: E. Eason, A. Eason, T. Ross, L. McQueen, J, Kervan, McKay, P. Purcell, W. H. Wilson, W. J. Wilson, E. Mooney, Marvey, H. Jobson, Gulgunnia; Ah Moy, Nymagee; G. Smit Wyalong; McIntyre, Lincoln, and Co., Narrandera; T. Stain, Sydney D. M. Thomas, R. Miller, Hillston; P. Matthews, Cobar.

Manager: E. Eason.

Development: No. 1 shaft 200ft., drives north and south 100ft. level, and at 50ft. level; stone raised. 200 tons. No. 2 shaft, 100ft.; No. 3 shaft, 100ft.; No. 4 shaft, 60ft.; No. 5 shaft, 50ft.; whip, windlass, and mining tools.

Yield: 63oz.

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Postal Address: Gilgunnia; Telegraphic Address: Nymagee or Mount Hope.

Reef varies from 4in. to 12in., much mineralised, containing mundic, interesting pyrites, a little carbonate of copper and zinc blend.

THE GREAT PEAK FREEHOLD GOLD MINING CO., N. L. The Peak.

COBAR DIVISION.

Registered Office: The Peak, Cobar.

Name of Mine: The Brown and Blue Lodes.

Registered: February 27th, 1897.

Nominal Capital: £5,100 in 51,000 shares of 2s. each.

Issued: 51,000.

Called up: 10 per cent., £510.

Jas. P. Conley, Thomas H. Conley, The Peak, Cobar.

Yields: From April 1st to May 22nd through battery 1,154 tons for 406oz. 4dwts. 18grs. Ore treated at the works of the Smelting Company of Australia and by the Great Cobar Copper Syndicate to September 2nd, 424 tons 17cwt. 2qrs. 20lbs. returned 408oz. 5dwts. gold, 31,191oz. 19dwts. 6grs. silver.

Legal Manager: John A. Hughes.

Mine Manager: Thos. A. Conley.

n. Area: 14 acres.

v. Postal and Telegraphic Address: The Peak, Cobar.

Four shafts each 124ft., 80ft., 600ft., 50ft., and two open cuts to a depth sof 80ft. and 50ft. respectively. From Brown lode main shaft drives east and west each 50ft., in east of which silver lode was developed, the west prospecting free gold. Contract has been let to sink a further depth of 100ft. in Brown

main shaft, which will cut winze on silver lode when down 50ft. Plant consists of a 10 head stamper battery and 30 H.P. engine and boiler, and 10,000 yards tank with pumping engine and accessories all under substantial buildings.

[Since the above was in type this mine has been sold, together with a preponderating interest in the adjoining mine, the Conqueror, to the Great Cobar and Nymagee Copper Mining Syndicate, who have taken over the management of the mine; Mr. G. G. Hart being at present in charge. It is intended to re-register the Company under the No Liability Act.]

HAND-IN-HAND CLAIM.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietor: Martin Hennessy, Metropolitan Hotel, Nymagee.

Development: Shaft 60ft. on boundary of Her Dream Mine on the reef. No 2. shaft 100ft. deep; intended for main shaft.

Area: 41 acres (lease).

Postal and Telegraphic Address: Gilgunnia.

The mine is in a good position and is likely to prove payable with the expenditure of a little capital. The "Her Dream" reef has been cut at the boundary carrying gold.

HARD TO FIND CLAIM. Fort Bourke Hill.

MOUNT DRYSDALE DIVISION.

Leaseholder and Sole Proprietor: Patrick Feely.

Mine Manager: Patrick Feely.

Development: Shaft sunk 150ft., driving 100ft. at various levels, former workings at present abandoned. Fresh prospecting is being done on fresh ground.

Yields: There has been no crushing from this claim, owing to the want of machinery, but a large quantity of ore is available that yields from 6 to 15 dwts. to the ton on panning-off trials.

Area: 3 acres.

Postal and Telegraphic Address: Fort Bourke Hill, Cobar.

This property adjoins the Drysdale on the south, the extensive and rich finds in the northern drives of which are not more than 125ft. from its boundary.

HER DREAM MINE.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: Reidy, Finn, and party, Gilgunnia.

Manager: Maurice Reidy.

Mine Manager: Maurice Reidy.

Development: Main shaft 150ft.; three levels, viz., No. 1, 50ft.: No. 2, 100ft.; No. 8, 150ft. First level driven 150ft. on No. 1 reef, 60ft. on No. 2 reef, 40ft. on No. 8 reef. Stoping: No. 1 level, average height 30ft.; No. 2 level, 12ft.; No. 8 level. 11ft. Plant consists of mining tools and whip.

Yield: For 1895 crushed at Clyde Works, Mort's Dock and Cobar, 120 tons, averaging 4oz. per ton; for 1896, 201 tons crushed, local battery yielded 278oz. smelted gold. For year 1897, 185 tons yielded 201oz.; 100 tons, 196oz.; and in October 89 tons for 194oz.

Postal Address: Gilgunnia—Telegraphic, Nymagee or Mount Hope.

The work consists principally of development; the returns from stone crushed paying expenses and dividends. From this year's output £400 has been paid in dividends, and the proprietors expect after next crushing to divide another £400, making for this year £800. It is intended to continue developing until water-level is reached. The ore is oxidized quartz, the country clay and slate, reefs running parallel, indicating to form one reef at depth.

[A dividend of £5 5s. on the 80 shares in this claim was declared for the eight weeks ending November 6.]

HIDDEN TREASURE CLAIM. Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: Bokeman, Blakeway, and party.

Manager: A. Bokeman.

Mine Manager: J. Blakeway.

Development: Shaft 100ft.

Yields: 50 tons crushed, averaging 10dwts. per ton.

Area: 41 acres.

Postal Address: Gilgunnia—Telegraphic, Nymagee or Mount Hope.

This property appears to be on the same reef as the Her Dream.

HILLMAN'S TANK MINE.

Nymagee.

COBAR DIVISION.

Proprietors: The Pyrmont Syndicate.

Mine Manager: —. Moore.

A dyke formation, reported to be 42ft. wide. No yield to date; work purely prospecting and developing.

Area: About 150 acres.

Postal and Telegraphic Address: Nymagee.

The first prospect workings show a width of 12ft. on enlargement. Large quantities of low grade ore, estimated to go 8dwts. to the ton, are reported to be in sight.

* JUST-IN-TIME MINE.

Mount Drysdale.

MOUNT DRYSDALE DIVISION.

LADY GREAVES GOLD MINING SYNDICATE. The Peak.

COBAR DIVISION.

Secretary: W. S. Howard, Barton-street, Cobar.

Mine Manager: Charles Knight.

Development: Shaft 70ft., open working 25ft. in depth, 40ft. in length.

Yields: Assays from 12dwt. 20grs. to 4oz. 11dwt. have been obtained, but two crushings have not been very satisfactory. Machinery for treating the ore is now being purchased, and when erected will no doubt make this a good paying property. The lode is 6ft. to 8ft. wide carrying gold throughout.

Area: 5 acres, with tank and machinery site adjoining.

Postal and Telegraphic Address: The Peak, Cobar.

THE LADY BEATRICE GOLD MINING CO., Ltd.

The Peak.

COBAR DIVISION.

Registered Office: 122 Vickery's Chambers, 82 Pitt-street, Sydney.

Registered: 9th August, 1897.

Nominal Capital: £2,250 in 225 shares of £10 each.

Issued: 189 shares.

Called up: £2 per share.

Directors: W. N. Willis, M.L.A., H. H. Brown, M.L.A., W. F. Hurley

M.L.A., A. D. Nelson, M.L.A., Sydney: J. O. Smith (Messrs. Goodlet,

and Smith), Sydney.

Legal Manager: Charles B. Roden.

Mine Manager: Alfred Chapple.

Area: 20 acres.

Postal and Telegraphic Address of Mine: The Peak.

* LEGAL RIGHT CLAIM.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: Gerrard and party.

* MALLEE BULL SOUTH CLAIM.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: Meek and party.

THE MAY DAY MINE.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: George Eason, Alfred Eason, Lachlan MacQueen, Thomas O'Brien, Henry Jobson, and Dennis Higgins, Gilgunnia.

Manager: George Eason.

Development: No. 1 shaft 182ft., drives and crosscuts at 170ft. level, disclosing veins and bunches of good low grade sulphide ore, the principal vein (copper and silver sulphides) showing upwards af 2ft. wide in face of drive, N.N.E. Above this level carbonate of copper runs in veins mixed with gossan ore carrying chloride of silver, carbonate of lead, and yielding a little gold. No. 2 shaft 40ft., showing a large body of ore of a mixed nature, chiefly carbonate of lead and gray ore (silver lead ore) and canary. No. 3 (new) shaft 30ft., veins of good grade gossan, and gray ore showing chloride of silver freely, also carbonate of lead and canary ore dollying a little fine gold. Twenty tons treated at the local battery yielded 1dwt. per ton.

Area: 40 acres.

Postal Address of Mine: Gilguunia-Telegraphic, Mount Hope or Nymagee.

In new shaft the veins appear to be running together, and from present appearances should soon combine in a solid body. The width of the lode formation is upwards of 100ft., and gold can be dollied right across. The western wall is porphyry, and the eastern wall sandstone. The ore is not amenable to ordinary battery treatment, the percentage of lead interfering with and hindering the process of amalgamation, hence the low return. It is a splendid smelting ore.

* MEHWA (or No. 1 South Slanter) CLAIM. Gilgunnia.

GILGUNNIA DIVISION.

MORNING STAR CLAIM. Mount Elliott.

MOUNT DRYSDALE DIVISION.

Proprietors: Wilson, Hill, and party.

MOUNT ALLEN GOLD MINING CO., N. L. Mount Hope.

MOUNT HOPE DIVISION.

Registered Office: 70 Pitt-street, Sydney.

Nominal Capital: £12,500 in 50,000 shares of 5s. each.

Issued: £9,000 in 86,000 shares of 5s. each.

Amount Called up: £1,800.

Dividends: None by present Company.

Directors: John See, Sir Joseph Palmer Abbott, F. A. Wright, M.M.L.A.,

Sydney; V. J. Saddler, Melbourne; Alexander Davidson, Sydney.

Legal Manager: G. S. Buzacott.

Mine Manager: Joseph Reilly.

Development: 20 head of stamps, and shaft sunk to 150ft.

Area: 59 acres, 2 roods, 12 perches, County Blaxland.

Postal and Telegraphic Address of Mine: Mount Hope.

It is proposed to erect cyanide works to treat about 12,000 tons of tailings which are at the mine. Meanwhile other work is suspended. During 1896, 3,177 tons of ore were raised which yielded 561oz. gold valued at £2,078 12s. 2d.

MOUNT BILLAGOE MINE.

Mount Drysdale.

COBAR DIVISION.

Thirty tons of ore from this mine (which is being worked on tribute) are reported to have been put through the Eldorado battery during the week ending October 23rd for a return of 178oz. of gold with a considerable quantity of silver of an estimated value of £200, the blanketings and tailings being reserved for future treatment. The ore was taken from the stopes at the 50ft. and 70ft. levels in the underlay shaft, and a large body is said to be in sight ready for breaking. According to the Mines Department report 45 tons were raised in 1896 for 120oz.

THE MOUNT DRYSDALE GOLD MINING CO., Ltd. Cobar.

COBAR DIVISION.

Registered Office: Barton-street, Cobar.

Registered: 21st August, 1895.

Nominal Capital: £51,200 in 51,200 shares of £1 each.

Issued: As paid up to 18s. per share.

Called up: Nil.

Dividends: None paid since registration, prior to that £27,900.

Directors: W. J. Hogan, J.P., Thomas Lean, J.P., Pierce Goold, J.P., Robert Kinhead, J.P., M. A. Padula, H. Harfield, A. Dierke, Cobar.

Secretary: John Leah.

Mine Manager: John Williams.

Development: One 5ft. Huntingdon mill, one 40 H.P. boiler, 35 H.P. engine, winding engine and boiler, 20,000 cubic yards tank excavation; 3 shafts; No. 1 main shaft 310ft.

Area: 5 acres gold lease, 40 acres water right.

Postal and Telegraphic Address: Cobar.

Gold Yield to Date: £56,000. Cleaned up October 11th, 220 tons for 85oz.

MOUNT DRYSDALE PROPRIETARY GOLD MINE (To be formed into a No Liability Company).

MOUNT DRYSDALE DIVISION.

Proprietors: Robert McPherson and party.

Mine Manager: Robert McPherson.

Development: No. 1 shaft sunk 180ft., and No. 2 shaft 100ft. No. 3 shaft started further north, near the north-west boundary, Mount Drysdale Gold Mine, to cut the gold underlay going west.

Area: 4 acres, 1 rood, 1 perch.

Postal and Telegraphic Address: Mount Drysdale.

A large quantity of alluvial gold was got on this mine in 1892, and, according to the present workings and run of gold in the Mount Drysdale Gold Mine, the proprietary is expected to be a valuable one.

MOUNT PLEASANT GOLD MINING CO., N. L.

COBAR DIVISION.

Registered Office: Barton-street, Cobar.

Registered: 11th March, 1895.

Nominal Capital: £5000.

Issued: £1000, in £1 shares paid-up, 4000 contributing.

Called up: 18s 6d per share.

Directors: Pierce Goold (chairman), J. P. Conley, M. J. Duffy, H. Dalgarno,

T. H. Conley, A. B. Campbell, S. R. Wood, J.P., Cobar.

Manager: John Leah.

Development: No. 1 shaft 150ft., No. 2 shaft 75ft., 10-head battery and

winding plant, and 5000 cubic yard tank.

Area: 7 acres gold lease, 20 acres water right.

Postal and Telegraphic Address of Mine: Cobar.

In November granted six months suspension of labour conditions; it is intended to let the mine on tribute.

NEW ELDORADO GOLD MINING CO., N.L.

Cobar.

COBAR DIVISION.

Registered Office: Barton-street, Cobar.

Nominal Capital: £36,000.

Called up: £200.

Directors: J. Hogan (chairman), H. Riddick, J.P.; J. O. Bray, T. Lean,

J.P.; R. Kinhead, J.P.; J. N. Walton, D. Shannahan, Cobar.

Legal Manager: D. J. O'Neil.

Mine Manager: John Williams.

Development: Main shaft 250ft., one level at the 100ft. driven 140ft. (all through ore); at 160ft. a level driven 100ft. all in ore, at 200ft. a level driven 60ft. in low grade ore. Thickness of lode not known; width of lode crushed, from 10ft. to 40ft. One large supply tank, receiving tank one 40-H.P. engine and boiler, one 5ft. Huntingdon mill, buildings, offices, &c., value, £2000. It is contemplated to sink near main shaft, and to enlarge the water supply.

Yields for this year: 763oz. 9dwts. smelted gold.

Area: 9 acres.

Postal and Telegraphic Address: Cobar.

This mine raised during 1896 2891 tons for 954oz. A yield for the fortnight ending 9th October, 1897, was reported of 120oz. from 130 tons of stone. The stone being broken from the stopes and drives south at 100ft. and 160ft.

NEW MOUNT HOPE COPPER MINING CO., Ltd. Mount Hope.

MOUNT HOPE DIVISION.

Registered Office: 16 O'Connell-street, Sydney.

Registered: 17th March, 1882.

Nominal Capital: £28,000.

Issued: 24,000 shares of £1 each.

Paid-up Capital: £24,000.

Dividends to date: £22,800.

Directors: T. H. Kelly, W. C. Willis, Jas. Moir, A. H. K. Maxwell, T. Carlisle, Sydney.

Legal Manager: R. N. Kirk.

Mine Manager: C. L. Cawse.

Area: 225 acres.

Postal and Telegraphic Address of Mine: Mount Hope.

The ore delivered at the smelting works and treated during the last half year was 460 tons lcwt., of an average of 13.6 per cent. for copper, and produced 62 tons 12cwt. 1qr. 22lbs. fine copper. The mine continues to be worked on tribute.

NORTH COBAR COPPER MINING COMPANY, Ltd.

COBAR DIVISION.

Registered: 1873.

Registered Office: 131 Pitt-street.

Capital: 50,000 in £1 shares.

Issued: 25,000 fully paid up; 25,000 contributing.

Called: 8s. 6d. per share.

Dividends: Nil.

Directors: Russell Barton (Chairman), Hon. Henry Copeland, M.L.A., Hon.

G. H. Cox, M.L.C., J. de V. Lamb, F. Kellerman.

Secretary: Leonard Dodds.

Mining Manager:

Area: 280 acres, freehold, adjoining Great Cobar Copper Mine on the north.

Postal and Telegraphic Address: 131 Pitt-street, Sydney.

No work is at present proceeding on this property, which has been subdivided and certain portions of the same, surface rights only, have been sold.

NORTH NYMAGEE COPPER MINING CO., N. L. Nymagee.

NYMAGEE DIVISION.

Registered Office: 181 Pitt-street, Sydney.

Registered: 4th August, 1897.

Nominal Capital: £20,000 in 40,000 shares of 10s. each.

Issued: 40,000 shares.

Called up: Issued as paid up to 5s. per share

Directors: Felix Randle (Chairman), Martin-place, Sydney; Thomas H.

Kelly, O'Connell-street, Sydney; E. Biddulph Henning, Ermington

Park, Ermington.

Legal Manager: Leonard Dodds.

Mine Manager: T. Vellenoweth.

This mine immediately adjoins the Nymagee Copper Mine on the North. The Company has but just been formed. The work done by the previous proprietors was as follows:—No. 1 shaft has been sunk 55ft. only with a cross-cut driven west for a distance of 100ft., and another to the east, 128ft. No. 2 shaft sunk to a depth of 200ft. with a cross-cut at 100ft. level, driven west, 98ft.; No. 8 shaft sunk a little over 100ft. A little stoping has been done at the bottom, but no drive or cross-cut has been driven. On the western side of the North Nymagee Hill two other shafts have also been sunk to a depth of about 100ft.

Area: 120 acres freehold, together with a Mining Permit for 5 acres, 1 rood, 37 perches.

Postal and Telegraphic of Mine: Nymagee.

This mine has as yet been but imperfectly tested. There are five well-defined lodes corresponding with those on the Nymagee Mine. It is proposed to sink No. 1 shaft another 100ft., being nearest to the rich lode at Pope's shaft on the Nymagee Mine, to drive the cross-cut from No. 2 shaft north-west to the westward from the 100ft. level, and to clean out No. 3 shaft. Irrespective of the copper lodes the silver-lead lode is considered worthy of development.

THE NYMAGEE COPPER MINE. (Late Nymagee Copper Mining Co., N. L.)

NYMAGEE DIVISION.

Proprietors: The Great Cobar and Nymagee Copper Mining Syndicate; Dr. Reid, Singleton; William Longworth, Lithgow; Thomas Longworth, Cobar; Hon. A. J. Gould, Sydney; A. H. Dangar, Singleton; W. H. Robinson, Singleton.

Manager: William Longworth.

Mine Manager: N. Vipond.

Development: The Nymagee mine has been worked for many years, and is fully equipped with main shaft over 700ft. deep, winding machinery, etc., and has recently been fitted up with water-jacket furnaces; one 80 ton and one 80 ton new verberatory furnaces and roasting furnaces.

Yield: Rough copper is made now at the mine and forwarded to proprietors refinery works at Lithgow; present output about 100 tons each month of refined copper.

Area: 740 acres freehold.

Postal and Telegraphic Address: Nymagee.

The mine has been in possession of present proprietors for only a few months, and the output is increasing.

OCCIDENTAL GOLD MINING CO., N. L. Cobar.

COBAR DIVISION.

Registered Office: Barton-street, Cobar.

Registered: 6th December, 1889.

Nominal Capital: £84,000 in 84,000 shares of £1 each.

Issued: 55,200 shares paid up to £1; 28,800 shares paid up to 17s.

Called up: £4,320.

Dividends to date: £5,250.

Directors: William Joseph Hogan, Robert Kinhead, Pierce Goold, Thomas

Lean, W. H. Bannister, W. A. Musgrove, Cobar.

Legal Manager: John Leah.

Mine Manager: Gabriel Faull.

Development: One 20 head battery, engine 50 H.P., boiler, 40 H.P. engine, winding plant. Large open cuts; main shaft 316ft., levels driven 100ft., cross-cut at 100ft. level in 80ft., 150ft. and 200ft. 25,000 cubic yard tank for water supply.

Area: 62 acres lease, 15 acres water rights.

Postal and Telegraphic Address: Cobar.

The Company contemplates increasing their battery power and erecting cyanide works. Yields for year ended August 28th, 1897, £6,100. Reported to have cleared up on the 11th November, after a three weeks' run, for 143oz of gold.

OFF CHANCE GOLD MINE.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: G. Whitlock and party.

Development: Two shafts, one 60ft. and one 100ft. So far unprospected, the work done being confined to small veins. A large ironstone lode runs through the centre of the property carrying gold.

Area: 5 acres, lease.

Postal and Telegraphic Address: Gilgunnia.

THE OLD PEAK GOLD MINING CO., N. L.

Cobar.

COBAR DIVISION.

Registered Office: Barton-street, Cobar.

Registered: August, 1896.

Nominal Capital: £9,000, in 18,000 of 10s. each.

Issued: 9,000 issued as fully paid, and 9,000 are paid up to 2s., viz., 1s. on application and 1s. on allotment.

Directors: John Crow, Thomas Emanuel Farquhar, William Joseph Hogan, Halbert James Edgar.

Legal Manager: D. J. O'Neill.

Development: Main shaft in two compartments to 120ft. level, connected by a winze at 80ft. level with No. 2 shaft.

Area: 3 acres 3 roods 20 perches.

Postal and Telgraphic Address: Cobar.

The mine, which is at present let on tribute to Messrs. Knight Bros., is situated on the crown of the Peak, about five miles south of Cobar and immediately north of Barrass and Conley's Blue Lode Mine. A clearly-defined reef, about 2ft. in width, has provided ore for crushing in the past, and shows indications of opening out well in the future. A crushing of about 79 tons gave a yield through battery and cyanide of 13dwt. per ton.

OYERFLOW SILVER MINING CO., N. L.

Bobadah.

NYMAGEE DISTRICT.

Registered: 7th February, 1896.

Registered Office: 16 O'Connell-street, Sydney.

Capital: £100,000.

Issued: 60,000 fully paid-up; 40,000 contributing shares.

Called: 16s. 6d., including call (No. 9) of 6d., payable on the 10th November.

Dividends: Nil.

Directors: R. Griffiths, John Howell, James Inglis, H. N. Pope R. S. Kinnear, Dr. Colpe, H. Haege.

Legal Manager: R. N. Kirk.

Mining Manager: James Nielson.

Development: Mine being developed. Works and machinery for development and treatment of ores, and for water supply in course of erection.

Area: 260 acres.

Postal and Telegraphic Address of Mine: Bobadah, via Nymagee

In addition to silver this mine also produces lead copper and gold. A cyanide plant is being erected.

* D. A. PEXHALL AND PARTY.

The Peak.

COBAR DIVISION.

This party received a grant in November, 1895, from the prospecting vote. In April, 1896, they wrote stating that, as they had discovered payable gold, the aid would not be required, and thanking the Department for the assistance granted.

PROSPECTING CLAIM, FOUR-MILE.

Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: George Ozmetti and George Mouell.

Development: No. 1 shaft, 100ft. (no reefs); drive, 100ft. (no reefs); No. 2

shaft, 60ft. on underlay of reef; good gold 50ft. on small leader.

Yields: 45 tons for 17oz. 7dwts.

Postal and Telegraphic Address: Four Mile, Gilgunnia.

QUEEN OF THE WEST.

Gold, Copper, Silver and Lead Mine.

GILGUNNIA DIVISION.

Proprietors: H. Jones, W. Todd, W. S. Young, Gilgunnia.

Manager: Hugh Jones.

Development: Two shafts of 120ft. and 20ft. respectively, also minor shafts and trenches. Copper, silver and lead and other minerals which are believed to exist in the area are being searched for.

Yields: By assay 3dwts. gold, 200oz. silver, and 12 per cent. copper per ton. Area: 25 acres.

The claim is situated 2½ miles from Gilgunnia and 150 yards south-west of the May Day. The silver lode was struck at 75ft., and still going through it. A large body of stuff is reported. The lode contains silver, copper, lead, and a little gold by assay. When the main body is struck the owners expect to get good copper and silver ore. Owing to the want of capital progress has been slow. The vicinity is said to abound with minerals.

RECOVERY COPPER MINING SYNDICATE.

Bobadah.

NYMAGEE DIVISION.

Directors: R. S. Kinnear, J. Neilsen, A. W. Gordon, W. Vipen (Bobadah).

Manager and Secretary: R. J. Egge.

Development: 100ft. shaft, driving to cut lode at 100ft. level.

Area: 40 acre mineral lease.

Postal and Telegraphic Address: Bobadah and Nymagee.

Lode consists of grey copper ore which was assayed at School of Mines, as follows:—Per ton: No. 1—Gold, 10dwts. 21grs.; silver, 4dwts. 8grs.; metallic copper, 18.76 per cent.; No. 2, gold, nil; copper, 15.88 per cent.; No. 3, gold, nil; silver, 18dwt. 8grs.; copper, 42.52 per cent. Lode went out of shaft at 36ft. underlaying east.

* REWARD CLAIM.

Restdown.

COBAR DIVISION.

Proprietors: Jeffries and party.

A crushing at the Occidental Mill, Cobar, of 3 tons for 9oz. was reported from this claim in the middle of November.

RISING SUN GOLD MINE. Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: Dr. Devier and party.

Development: Main shaft 150ft., whim and poppet legs.

Yields: 100 tons averaging about 2oz.

Area: 4 acres, lease.

Postal and Telegraphic Address: Nymagee.

The mine adjoins the Her Dream in the North, and has had some fair crushings.

* ROYAL MINT MINE.

Mount Drysdale, MOUNT DRYSDALE DIVISION.

Obtained suspension for four months from the end of September.

* SOUTH PEAK FREEHOLD GOLD MINING CO., N. L. Cobar.

Registered Office: Marshall-street, Cobar.

Registered: July, 1896.

Capital: £10,000.

Legal Manager: Registered at Registrar-General's Office, Sydney, as W. H. Powell, but this would appear to be uncertain, and we have received no reply to three inquiries.

TARCOMBE GOLD MINING CO., N. L. Gilgunnia.

Registered Office: Barton-street, Cobar.

Registered: October, 1895.

Capital: £7,500.

Legal Manager: J. Andrews.

WALSH'S MINE.

Restdown.

COBAR DIVISION.

Proprietors: M. Walsh and party.

Mine Manager: M. Walsh.

Development: Three shafts, 70ft., 20ft., and 20ft., besides other work.

Yields: Bagging stone to send away.

Area: 10 acres.

Postal and Telegraphic Address: Cobar.

This is a big lode formation, and is anticipated in time to become one of the best mines in the west.

* TARCOMBE No. 1 SOUTH CLAIM. Gilgunnia.

GILGUNNIA DIVISION.

Proprietors: Brooks and party.

* TARCOMBE No. 3 NORTH CLAIM. Gilgunnia

GILGUNNIA DIVISION.

Proprietors: Conley and Ramsay.

UNITED RESTDOWN GOLD MINING CO. Restdown Goldfield, via Cobar.

COBAR DIVISION.

Proprietors; A syndicate.

Manager: W. J. Brown, Rookery Station, Cobar.

Development: Three shafts; No 1, 40ft., with a 16ft. drive; No. 2, 20ft.;

No. 3, 20ft.

Area: 18 acres.

This is a big lode the width of the drive so far, with unexplored extension. Low grade, 8dwts. to 14dwts. right through.

YICTORIA GOLD MINE.

Restdown.

COBAR DIVISION.

Proprietors: W. O. Caldwell and R. Griffiths, Nymagee.

Manager: R. Griffiths.

Mine Manager; W. O. Caldwell.

Development: Shaft 75ft., driving along the lode.

Area: 16 acres.

Postal and Telegraphic Address: Restdown, Cobar.

This is a new field found last February, but has been kept back through want of water and of capital. The nearest battery is at Cobar, 35 miles. There are eight claims working on separate lines of reef. The reefs vary from a foot to 30in. in width, and are rich on the surface—from 3oz. to 12oz. The Victoria reef carries gold for 60 chains on the surface, and is well-defined. The Good Friday is the last find, and promises to be a good one, some of the stone assaying as high as 100oz. per ton. All these reefs will take time to develope, as the country is confused, and they are hard to follow.

THE WHITE REEF, OR CRIPPLE'S REWARD, CLAIM. Gilgunnia.

GILGUNNIA DIVISION.

YOUNG AUSTRALIAN GOLD MINING CO., N. L.

COBAR DIVISION.

Registered Office: Marshall-street, Cobar.

Registered: 23rd September, 1895.

Nominal Capital: £50,000, in £1 shares, issued as paid-up to 17s. 6d.

Amount called up: £625.

Dividends: £625.

Directors: N. Morrison, J.P. (chairman), Geo. Thos. Hunt, J. J. Gudgeon,

J. Gudgeon, junr., Cohar; T. H. Kelly, 14 O'Connell-street, Sydney.

Legal Manager: William Hunt, Cobar.

Mine Manager: Jno. O. Hunt.

Auditors: Messrs. W. Williams and J. A. Ramsay.

Development: 15-head stamper battery, and two large dams, water races,

&c. Mine to a depth of 220ft. Cyanide works in course of erection.

Area: 20 acres.

Postal and Telegraphic Address: Cobar.



Hunter and Macleay Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information though our letters have not been returned).

Copeland Division for 1899 returned 503oz. of gold, a slight increase on the previous year. However, good gold was obtained from a lower level than had ever before been attempted, and with more powerful machinery greater progress will no doubt be made. A little alluvial mining has been carried on in the creeks and gullies, the yield being estimated at 108oz. for the year. There are four batteries in this division having an aggregate of 44 head of stamps.

Dungog Division gold yield for 1896 showed a slight falling off. Several grants from the Prospecting Vote were made in the Upper Wangat locality, but practical demonstration by outside capital is needed to show that the reefs in this division will pay if economically and systematically worked. Work has chiefly been of a prospecting nature.

Kempsey.—Very little gold-mining is carried on in this Division. Several mines, however, are being worked for copper, silver, tin and antimony. About 30 tons of antimony were raised during 1896 at Bowraville, and realised £7 per ton. In the neighbourhood of Macksville there are splendid deposits of this metal.

THE TAREE DIVISION is credited with having yielded 800oz. of gold in 1896, obtained principally in the vicinity of the Cells River.

Average known yields from quartz mines in the Hunter and Macleay Mining District:—

 1895.
 1896.

 Quantity ... 449 tons.
 470 tons.

 Average per ton ... 14dwt. 23grs.
 17 dwt.

 Yield of Gold ... 336oz.
 401oz. 10dwt.

Tin-mining is carried on in the Kempsey Division, near Gundle.

Iron ore deposits of a very promising description are being prospected in the neighbourhood of Raymond Terrace.

Coal is the chief mineral product in this district, and detailed information respecting its working will be found in the COAL AND SHALE SECTION.

THOMAS ADAMS, SENR.

Raymond Terrace.

RAYMOND TERRACE DIVISION.

Prospecting—Ironstone and limestone deposits, situated on Church and School lands, which are of a promising nature and considerable extent, but insufficiently developed to permit of description. Aid has been granted from the Prospecting Vote.

BROCKWELL, LOREY AND PARTY.

Cobark.

COPELAND DIVISION.

Development: 5 stamp battery and water wheel.

Postal and Telegraphic Address: Copeland.

CENTENNIAL GOLD MINE.

Copeland.

COPELAND DIVISION.

Proprietors: L. W. Chubb and C. J. Chubb.

Manager: Managed by the proprietors.

Development: Main shaft, 260ft.; several other shafts 100 to 190ft. Two-tunnels—one cutting reef at a depth of 70ft., the other driven 1,040ft., to cut the reef at a depth of about 600ft., not yet reached reef; reef averages 2ft. and is heavily charged with pyrites from surface down. No machinery connected with the mine.

Yields: There were three claims originally on this reef, and it is estimated the prospectors crushed 1,800 tons for 2,000oz. The present holders have crushed 93 tons for 140oz.

Area: 8 acres.

Postal and Telegraphic Address: Copeland.

The Centennial and Baal Gammon Co. formerly held this property, and spent their capital in driving the deep level tunnel above mentioned. Reef runs north and south, underlies to the west, and is situated near the top of a high ridge. The deep level tunnel is driven from the western slope of this range.

THE CRITERION CLAIM.

Copeland.

COPELAND DIVISION.

Proprietor: W. B. Sharp, Newcastle.

Development: Twelve head stamp battery and 18 H.P. engine.

Postal and Telegraphic Address: Copeland.

DEEP CREEK MINE.

Macksville.

MACKSVILLE DIVISION.

THE GLOUCESTER RIVER GOLD MINING CO. Upper Gloucester.

COPELAND DIVISION.

Mine Manager: J. E. James.

Development: 5 stamp battery and Pelton wheel. New machinery has been erected. The first crushings are reported to have resulted satisfactorily.

Postal and Telegraphic Address: Upper Gloucester.

GUNDLE TIN MINE.

(No. 1 and 2 Leases), Gundle.

KEMPSEY DIVISION.

Proprietors: P. J. Connelly and party.

Yields: 500 tons of tin ore were raised during 1896.

Area: 40 acres.

GUNDLE TIN MINING SYNDICATE.

Gundle (No. 3 and 4 lease).

KEMPSEY DIVISION.

Proprietors: Gundle Mining Syndicate, 15 Post Office Chambers, Pitt-street, Sydney.

Development: Chiefly prospecting.

Yields: 99 tons forwarded to Sydney, through Harrold Bros., for treatment yielded 24 tons 1cwt. 22lbs., returning to the miners £992 14s. 3d. No data obtainable of the ore raised previously.

Area: About 40 acres.

Postal and Telegraphic Address of Mine: Gundle.

* LADY BELMORE MINE.

Copeland.

COPELAND DIVISION.

THE MASONIC MINE

Cobark.

COPELAND DIVISION.

Proprietor: E. E. Mitchell, Stroud.

Development: Ten-head stamp battery, with waterwheel.

Postal and Telegraphic Address: Copeland.

THE MOUNTAINEER GOLD MINE.

COPELAND DIVISION.

Proprietors: John McDonald, Samuel Wright, Rawden Vale Post Office; W Skillon, Dungog; Alex. McKay, Rawden Vale.

Manager: S. Wright.

Mine Manager: J. McDonald.

Development: Two shafts, one 150ft. and one 90ft.

Yields: 300 tons, averaging 4oz. per ton.

Area: Six acres.

Postal and Telegraphic Address: Rawden Vale, via Copeland.

The mine is situated on a mountain 1200ft. above Burrington River. The reef averages 18 inches.

MOUNTAIN MAID GOLD MINING SYNDICATE.

Copeland.

COPELAND DIVISION.

Proprietors; W. R. Tresidder, W. Webeck, Geo. Pritchard, Copeland; L. J. Fitzpatrick, Dubbo.

Mine Managers: The proprietors.

Development: 10 H.P. winding engine complete, with vertical boiler. The main shaft is down 425ft., and at 360ft. level the owners are putting in main level and taking out 1½oz. stone. They are in about 85 feet now, and have to go about 116 feet before striking boundary line of No. 1.

Yields: From January 1st, 1897, to the end of August, 1897, crushed 194 tons for 1413oz. smelted gold.

Area: 25 acres.

Postal and Telegraphic Address: Copeland Post Office.

The old Mountain Maid Prospecting claim was taken up by the present proprietors about two years ago. They purchased winding plant and erected same on it; bailed water out and started prospecting. They had several crushings, with poor results, but after driving over 300ft. level in a distance of 80ft. struck fair gold. The last crushing, which was finished in August, yielded nearly 1 loz. per ton—46 tons for 62 loz. smelted gold.

NAMBUCCA HEADS GOLD MINE.

Nambucca.

KEMPSEY DIVISION.

RAINBOW AND MOUNTAIN MAID EXTENSION GOLD MINING CO., N. L.

COPELAND DIVISION.

Registered Office: 68½ Pitt-street, Sydney.

Mines: The Rainbow Mine, and Mountain Maid Extension Mine.

Registered: 8th June, 1896.

Nominal Capital: £12,000 in 48,000 shares of 5s. per share.

Issued: 48,000 shares.

Called up: 2s. 4d. per share.

Directors: F.O. Furner, E. Andrews, O. H. Walsh, Sydney.

Legal Manager: Samuel MacDonnell.

Mine Manager: Joseph Orme, M.E.

Development: On the Mountain Maid Extension prospecting shafts which have revealed the Mountain Maid reef. On the Rainbow Mine several shafts have been sunk, in one of which the Rainbow reef has been laid bare by drives for a considerable extent, and yields stone containing 3oz. gold per ton.

Area: About 19 acres.

Postal and Telegraphic Address of Mine: Copeland.

PADDIE'S CREEK GOLD QUARTZ CLAIM.

Bungwall (about 7 miles from).

BUNGWALL FLAT DIVISION.

Proprietors: Charles Kemp, Alfred Meyer and Son.

* SUNDAY TIMES CLAIM.

Ceil's Creek, Port Macquarie.

TAREE DIVISION.

Proprietors: Buckley Bros. and party.

Lachlan Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned.)

Wyalong is not only the principal of the twenty-four divisions in the Lachlan Mining District, but may now be said to hold the premier position among the gold-fields of the colony. Although the return in 1896 was slightly behind that of Hillgrove, the number of men employed at Wyalong is very much greater. The field was discovered in 1898 by Mr. F. Neeld, who had settled with his family at Wyalong and engaged in agriculture. Mr. Neeld and his sons found four separate auriferous reefs; and on the 18th December, 1898, they applied for four miners' right claims. The progress of Wyalong is amply illustrated by the yields since its discovery, as shown below:—

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1884... ... ... ... 9,649 oz. £35,946
1895... ... ... 24,497 oz. £91,863
1896... ... ... 33,495 oz. £130,000
1897... To September ... 40,300 oz.
```

There are nine establishments on the field for treatment of ore. And the large sums expended in machinery, chlorination, and cyanide works for the reduction of the refractory metals met below the water level, demonstrate belief in the permanency of the field. Notably high yields per ton have been obtained from Bolte's Lucknow claim, which returned 2,506oz. from 377 tons, or at the rate of 6oz. 13dwts. per ton; the New South Wales 852 tons for 2,338oz., equal to over 6oz. 12dwt. per ton. The pioneers, Messrs. Neeld, put through 1,853 tons in 1894-95 for 1970oz., and in 1896, 658 tons for 1,898oz., 212 tons of the latter treated at their own chlorination works yielding the satisfactory return of 1,181oz. The Messrs. Neeld have expended a large sum on the field, and are highly commended for their indi-

vidual pluck and energy, under very great difficulties. Since the commencement of the year to the beginning of October Messrs. Nicholas and Reymond have treated at their battery 4,500 tons for an average yield of loz. 5dwts. per ton.

Wyalong, consequent on the policy of the Mines Department, has so far been essentially a "miner's" field, but a number of properties are now idle on account of the owners not being able to work the deep country, for want of capital. In the meantime, as will be seen from the following pages, they are protected by applications for leases. The necessity for the amalgamation of blocks is becoming daily more apparent, and it is generally acknowledged that capital is now required to develop the deepest workings. In referring to "seconds" in the yields from this field, the word is understood to include mullock, slate, crushed granite, etc., which compose the vein stuff of the ore channel as defined from quartz mineral. One man's ground represents about half-an-acre.

YALGOGRIN until six years ago was comparatively unknown. It is situated about 28 miles south-west of Wyalong. The geological formation is granite and slate. Most of the reefs now working lay east and west, though some of them strike about north-west and south-east. The field is over three square miles—gold-bearing country, but the auriferous district is known to extend over 17 miles. Its great drawback is the water supply, but the surface is adapted for conservation. The average annual rainfall is about 19in.—occasionally it falls as low as 9 or 10in. Some good crushings have been recorded; the Black Coon returned 794oz. from 215 tons of stone. Messrs. Barnett and Gough have recently erected a 10-head stamper battery with improved appliances on the field, and several crushings during the year have averaged as high as 100oz. per ton.

Gundagai, in addition to gold, has copper, asbestos, chrome, granite and slate deposits. There is an enormous belt of gold-bearing country, but the future depends on the introduction of capital. In this connection, however, it is satisfactory to note the district is attracting the attention of British and colonial investors. Alluvial mining proved attractive in the past. A good payable lead is said to exist at Jones' Creek, and at Stoney Creek (M'Inerney's homestead) five miles south from the town of Gundagai, the ground has been prospected by bores proving the existence of a strong rich lead of gold averaging 3ft. to 6ft. deep and 240ft. in width. There is, no doubt, with a fair amount of capital a large area of ground in

this division would repay systematic prospecting. Muttama, near where some good finds were made on private property, should develop into an important mining centre. It is within four miles of a railway-station, but there are no crushing appliances on the field.

PARKES DIVISION has been steadily increasing its output, as will be seen from the following figures:—

1898	•••	•••	• • •	•••	5,178 oz.	£17,583
1894	•••	•••	• • •	•••	9,746 oz.	£33,9 9 7
1895	•••	•••	• • •	•••	10,372 oz.	£38,098
1896	• • •	• • •	•••	•••	12,500 oz.	£44,885

The belt of auriferous country in this district is very extensive, and a large increase in the number of payable mines at work may confidently be expected.

The official gold yields in the divisions during 1896, are given as follows:

Cargo, 200oz., chiefly the work of fossickers; Parkes, 12,500oz.; Fifield, 980oz. (alluvial); Alectown, 822oz.; Grenfell, 1,761oz.; Murrumburrah, 1,637oz. (alluvial): Gundagai, 2,000oz. (alluvial) and 600oz. (quartz); Temora, 4,066oz.; Reefton, 1,820oz.; Wyalong, 33,495oz., estimated as taken from 18,272 tons of stone; Yalgogrin, 1,250oz.; Young, 3,657oz. (chiefly alluvial).

Comparative statement of average (known) yields from quartz mines for 1895-96 in the Lachlan Mining District:—

1895.	189 6 .		
Quantity, 19,223 tons	86,787 tons		
Average per ton, loz. 8dwt. 7grs.	loz. 6dwt. 6grs.		
Yield, 27,202oz.	48,286oz. 4dwt. 20grs.		

PLATINA in the Fifield Division is the chief seat of platinum mining in New South Wales. Work is carried on by individual miners or small parties of three to six men, and the yield is controlled by the quantity of water available for mining purposes. The alluvial lead is about two miles in length, sinking from grass to 60ft., width of wash 200ft., depth 6 to 7in., and the average yield ½oz. platinum and gold per load, in the ratio of 4 of platinum to 1 of gold. There are about eighty miners on the field. A large area of country capable of affording remunerative employment to numbers of men is available for exploitation, and would doubtless be taken up if the price of platinum were higher. The local price at present is only from 28s. to 30s. per oz.

Copper has only been obtained to a limited extent. Some yearog on an old Snowball Copper Mine was worked by a syndicate, but on the fall, of the metal it was deemed advisable to close down.

Asbestos mining was carried on about 2½ miles north-west of the tovor of Gundagai, and promised at one time to become an important industry: The asbestos found was of good quality, but work was abandoned as unprofitable.

Chrome mining, formerly a promising and profitable industry at Coolac, is now, owing to the fall in price and the competition of foreign fields, confined to one mine.

* ADAMS AND PARTY. Garangula.

GARANGULA DIVISION.

A crushing of about 70 tons of stone was to have been commenced on this mine about 1st November.

* ADELAIDE CLAIM.

WYALONG WEST DIVISION.

* ADELAIDE CLAIM.

Mosgiel Line of Reef.

YALGOGRIN DIVISION.

Development: Shaft about 100ft. on a reef of from 1ft. to 18in. wide, showing fair gold.

* AITKINS AND PARTY.

No. 1, South of Perry's.

WYALONG WEST DIVISION.

* ALL NATIONS GOLD MINING CO.

WYALONG DIVISION

* THE BANTAM CLAIM.

(South of the Lucknow.)

WYALONG WEST DIVISION.

This claim, though very small, has proved exceptionally rich. At the end of September a crushing was reported of 6 tons for a yield of 54oz. 10dwts.

BARRIER CLAIM.

No. 1, South of White Reef.

WYALONG WEST DIVISION.

* BARTON W.

Cooper's Paddock, South Gundagai.

GUNDAGAI DIVISION.

Good results have been obtained from trial crushings in this claim; averaging 11dwts. per ton. It is intended to sink a new shaft to prove the ground.

* BEASLEY AND PARTY

Muttama.

GUNDAGAI DIVISION.

Yields: From 6 to 7oz. per ton; reef about 2ft.

* BIG BEN CLAIM.

Between the Lucknow and Perry's Claims. WYALONG WEST DIVISION.

BIG BEN MINE (Copper, Silver, and Gold). Condobolin.

CONDOBOLIN DIVISION.

Proprietors: A syndicate.

Directors: H. E. A. Miller, 5 Moore-street, Sydney (Managing); H.

McArdle, Hunter's Hill; Wm. Rowe, Burwood.

Mine Superintendent: H. J. Pollard.

Development: Shaft 70ft.; crosscut in 35ft.; struck lode consisting of blue and green crystallsed carbonate of copper; average samples running from 16 per cent. to 18½ per cent. of copper and 6½dwts. to 6dwts. 13grs. gold. Lode formation on surface shows from 100ft. to 150ft. Several tons of ore at grass.

Area: 120 acres.

Postal and Telegraphic Address of Mine: Condobolin.

This syndicate has secured a large area of ground in the vicinity, containing lime and ironstone for flux.

THE BIRTHDAY GOLD MINING AND QUARTZ CRUSHING CO., N. L.

PARKES DIVISION.

Registered Office: 6 and 7 Union Chambers, 70 Pitt-street, Sydney.

Registered: April 8, 1896.

Nominal Capital: £8,750, 20,000 fully paid-up shares to 2s. 6d., and 50,000 contributing shares at 2s. 6d.

Issued: 20,000 fully paid-up shares and 45,000 contributing shares.

Called up: 2s. 2d.

Directors: Wm. Shenstone, 359 George-street, Sydney; John Harker (Chairman), Petersham, Sydney; W. Drake, Marrickville, Sydney; L. Smith, North Sydney; J. D. Brown, Pott's Point, Sydney; W. Rowe, Strathfield, Sydney.

Legal Manager: Jas. C. Hutchison.

Mine Manager: Robert Evans.

Development: The main reef is proved to a depth of 245ft., and is opened up to over 550ft. in length. It averages 7ft. in width. Crushings from this lode have averaged 10dwts. Besides this lode there are 5 cross reefs, the deepest working on these being 136ft. Crushings at public battery at Parkes gave as high as 28dwts. A new reef was cut in August, 1896, 135ft. deep, from No. 2 shaft. It is 5ft. wide, and a crushing of 33 tons gave a return of 27oz. 120 tons (seconds) treated last week in September yielded 48oz.

Area: 45 acres.

Postal and Telegraphic Address of Mine: Parkes.

Ten-head stamper battery complete working, with provision for additional 5-head, which has recently been erected. Pumping plant, engine, and pipes for bringing water on to the mine from a permanent source have also been added recently, and it is estimated to be able to keep 40-head of stampers going from stone in sight. It is intended to put up a complete plant of 40-head stamps, winding gear, &c., at an early date. Hitherto the mine was dependent on the rainfall for water. The company employs about 50 men in the mine and on the battery; and quite a small township is springing up around the property. The new reef that has just been discovered is a fine body of stone, and will yield from 15dwts. to 1oz. per ton. It is so easily worked that the stone is got out with the pick. There are two other reefs that have not been opened up, prospects from the cap of which gave 4dwts. to 5dwts. There is a tank excavated which will hold six months' supply for 15 head battery.

* THE BIRTHDAY SYNDICATE.

Yalgogrin.

YALGOGRIN DIVISION.

Area: 35 acres.

The syndicate, which is composed of Sydney and Wyalong capitalists, has let a contract for sinking the shaft 50ft. deeper, and the contractors have cut a reef 18in. wide of similar stone to that obtained from Shelly's Claim adjoining.

BLACK COON CLAIM.

Yalgogrin.

YALGOGRIN DIVISION.

Proprietors: George Carr and party.

Mine Manager: George Carr.

Development: Three shafts 98ft., 100ft., 80ft.; worked by a whip.

Yields for this year: 51 tons for 130oz., over 100 tons at grass.

Area: Six men's ground. Nine-acre lease applied for on the 21st September, but the matter has been in litigation.

Postal and Telegraphic Address: Yalgogrin.

OCTOBER.—Driving the eastern level at 100ft; in 72ft. on splendid stone averaging 12in., showing gold freely.

* BLACK SNAKE CLAIM.

(North of the Lucknow).

WYALONG WEST DIVISION.

(Late the Black Snake Lease G. M. Co., N. L.)

BOATWRIGHT AND PARTY.

Wyalong.

WYALONG DIVISION.

Prospecting work only is being done on this claim.

BOOMERANG CLAIM.

YALGOGRIN DIVISION.

Proprietors: James Manning, W. Grurley, J. Cheekey, J. Cheekey, P. Manning.

Manager: James Manning.

Mine Manager: Sam Mason.

Development: Working shaft 140ft.

Yield: No crushing this year, but 20 tons at grass.

Area: 4 acres 1 rood 24 perches.

Postal and Telegraphic Address: Yalgogrin.

The claim is situated No. 1 west of Black Coon claim, and No. 2 west of the Pickanninnie. The last crushing of the latter yielded 10½oz. per ton, and the Black Coon's yielded 7oz. per ton. Great difficulty has been met in finding the reef in the Boomerang, hence the absence of a crushing.

BOOTH'S UNITED GOLD MINES CO., N. L. Coolac.

GUNDAGAI DIVISION.

Registered Office: 409 Collins-street, Melbourne.

Registered: October, 1897.

Nominal Capital: £60,000; £80,000 paid up; £30,000 liability.

Issued: £60,000.

Called up: £7,500.

Directors: Thos. H. Thompson, M.I.C.E., Ballarat; James Don, Ballarat; Geo. C. Kelly, Collins-street, Melbourne; —. Neave, Collins-street, Melbourne; —. Horden, Collins-street, Melbourne; Alex. Jno. Miller, Baring Chambers, Market-street, Melbourne.

Legal Manager: Alfred Pfaff, Collins-street, Melbourne.

Mine Manager: W. J. Wright (late manager United Albions, Steiglitz, Victoria).

Engineer: A. H. Merin, M.I.C.E. (Lecturer for Mining and Engineering, Melbourne University).

Development: Two shafts, 121ft. and 175ft.; 40 head battery, with latest improvements, winding and pumping plant complete.

Area: 95 acres.

Postal and Telegraphic Address of Mine: Coolac.

No development work has been done beyond connecting two shafts on lode, and numerous shafts from 20ft. to 100ft. deep on low grade schistose slate on the cap of the hill. Chlorination and cyanide plants are to be erected as the work advances. Active preparations are now being commenced.

BOULDER CLAIM.

Yalgogrin.

YALGOGRIN DIVISION.

Proprietors: Craig and party

Yields: A considerable amount of stone at grass

Postal and Telegraphic Address, Yalgogrin.

BOURKE AND JONES (Platinum).

Platina.

FIFIELD DIVISION.

Yields: Latest washings-up, 12 loads for loz. 3grs. gold and 4oz. 10dwts. 12grs. platinum; and (28rd November) 12 loads for loz. 8dwts. 10grs. gold and 4oz. 15dwts. 15grs. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

T. BOURKE AND PARTY.

Yalgogrin.

YALGOGRIN DIVISION.

Development: Shaft down 80ft. and sinking on the reef.

Yields: A few tons at grass.

Postal and Telegraphic Address: Yalgogrin.

* BOWDITCH, WALKER AND PARTY.

Kimo Hill.

GUNDAGAI DIVISION.

Yields: Trial crushing of 32 tons taken from a reef 5ft. wide, inclusive of everything, yielded 10oz. 4dwt. 14grs.

Area: 12 acres.

BROWN AND PARTY (Platinum).

Platina.

FIFIELD DIVISION.

Yields: Latest washings-up, 12 loads for 16dwts. gold and 1oz. 19dwts. 6grs. platinum; and (November 28) 12 loads for 1oz. gold, 6oz. 1dwt. 12grs. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

BURGESS AND SMITH'S LEASE.

Parkes.

PARKES DIVISION.

Proprietors: John Burgess and Finlay Smith, Parkes.

Development: Seven shafts, ranging from 12ft. to 65ft., with drives along veins, also drive about 30ft. across lode stuff, and an open cut about 30ft. wide at surface. An 8-head stamper battery, with 10-H.P. engine, boiler, and Berdan pan.

Yields: Total, 877oz. 16dwt. 8grs., most of which was smelted gold.

Area: Four acres.

Postal and Telegraphic Address: Parkes.

Ore from all the shafts, drives, open cut, and off the surface, amounting to 1095 loads, has been crushed, embracing a width at intervals of about 200ft.

BUSHMAN'S HILL EXTENDED GOLD MINING CO.. Ltd. Parkes.

PARKES DIVISION.

Registered Office: 63 Pitt street.

Registered: 27th February, 1896.

Nominal Capital: £30,000.

Issued: £15,000 paid up to 18s.; 15,000 fully contributing held in reserve.

Called up: £1,500.

Dividends: Nil.

Directors: Russell Barton (Chairman), Robert Jackson, Captain John Broomfield, E. B. Henning (Sydney).

Legal Manager: A. G. Robertson.

Area: 20 acres lease, 5 acres freehold.

Postal and Telegraphic Address of Mine: Parkes.

BUSHMAN'S HILL FREEHOLD MINE.

Parkes.

PARKES DIVISION.

Proprietors: John Broomfield, H. S. Harwood, M. C. Langtree, R. Wright, John Warn, G. Mellor, A. Baxter, A. G. Robertson, and others.

Manager: A. G. Robertson, 63 Pitt-street, Sydney.

Development: Development of property shortly to be started.

Area: 40 acres leasehold, 8 acres freehold.

Postal and Telegraphic Address of Mine: Parkes.

BUTLER AND HAMILTON. On Bowman's line of Reef. YALGOGRIN DIVISION.

Development: Shaft down 80ft., reef varies from 1ft. to 18in.

Yields: Reported to have crushed 14dwts. per ton.

Postal and Telegraphic Address: Yalgogrin.

* CALLED BACK UNITED CLAIM.

WYALONG DIVISION.

CALEDONIA CLAIM.

Wyalong.

WYALONG DIVISION.

Proprietors: Allen, Smith, Wallbridge and Allen (miners).

Mine Manager: T. J. Allen.

Development: 2 shafts, one 140ft, the other 165ft deep: horse and whip.

Area: 8 men's ground.

Postal and Telegraphic Address: Wyalong.

Sinking for the N. S. Wales Reef as yet not deep enough.

CALEDONIAN EXTENDED CLAIM.

West Wyalong.

WYALONG WEST DIVISION.

Proprietors: Andrew Baird, John Boundy, Wm. Lear, Rd. Roderick.

Development: Two shafts have been sunk to a depth of 100ft. each, connected by a cross-cut 80ft. in length. At the eastern shaft, where Bolte's channel was cut, a winze was sunk 70ft. below 100ft. level. The channel is 4ft. wide, and lode matter composed of serpentine slate, intersected with veins of quartz-carrying sulphides. No free gold.

Yields: Nil.

Area: 800ft. x 400ft.

Postal and Telegraphic Address of Mine: West Wyalong.

This claim is on the "Mallee Bull" line of reef, and No. 5 north of Bolte's "Lucknow." As the water was heavy, and shareholders unable to contend with it, no work has been done in the claim for a considerable time.

CALEDONIA GOLD MINE.

Caledonia Hill, Parkes.

PARKES DIVISION.

Proprietor: James Bothwell, Parkes.

Manager: The proprietor.

Development: Horse with whip for raising stone. Sinking the main shaft to cut the lode at a deeper level; present width of reef 2ft. carrying gold, but not payable at that depth.

Yields: Trial crushing from 60ft. level western drive December, 1895, 21 tons yielded loz. 8dwt. per ton; July 28th, 1896, crushed 25 tons for 18dwt. per ton from same level; December, 1896, 31 tons for 30oz. 14dwt.; 27th July, 1897, 25 tons for 23oz. 9dwt.; October, 25 tons for 22oz. 9dwt.

Postal and Telegraphic Address: Parkes.

Gold has been obtained for 600ft. along this line of reef.

CAMERON AND PERKINS (Platinum).

Platina.

FIFIELD DIVISION.

Postal and Telegraphic Address: Platina, via Dandaloo.

* CARROLL AND PARTY (Christmas Gift Line of Reef).

WYALONG DIVISION.

Development: Shaft 275ft., reef 15in. wide.

Yield: Two crushings averaged nearly 2oz. 6dwt. per ton.

Area: Eight men's ground.

Postal and Telegraphic Address: Wyalong.

* CHALMERS AND PARTY.

Defiance line of Reef, Eurongilly.

JUNEE DIVISION.

CHRISTMAS GIFT CLAIM.

WYALONG DIVISION.

Proprietors: Davis, McNalley, and party.

Mine Manager: George F. Davis.

Development: Shaft (6ft. clear) 180ft., and is being sunk to 250ft. level.

Reef averages 1ft.

Yield: From July, 1894, 960 tons returned 1,920oz. gold. Last crushing reported of 97 tons, yielded a little over 2oz. per ton, exclusive of tailings, &c.

Area: 8 acres.

Postal and Telegraphic Address: Blyth-street, Wyalong.

The peculiarity of the Christmas Gift line of reef is that the chutes of gold-bearing ore dip west, in the opposite direction to the country rock, the underlay of the ore channel being north. The underlay of the whole of the rest of Wyalong field is east.

CONROY AND PARTY. Gundagai.

GUNDAGAI DIVISION.

Costeening has been carried out across the lode, and the for.nation exposed throughout the block, which in some instances is 30ft. wide. It is reported to be the intention of the owners to prove the lode at a depth by

putting in an adit at the southern extremity of the blocks, where there would be a rise of from 400ft. to 450ft.

Area: Five leases of 20 acres each.

Postal and Telegraphic Address: Gundagai.

CROWN POINT GOLD MINING CO., Ltd.

MURRUMBURRAH DIVISION.

Proprietors: A London Company.

Local Secretary: John Ditchburn.

Mine Manager: R. W. Ditchburn.

Development: Very little work has been done in the main shaft. 200 tons of ore for a free gold lode has been taken out, but not treated as yet. The plant consists of a Krupp's mill for crushing, with four American concentrators, copper-plate baths. etc., so arranged that, wet or dry, crushing can be executed. There is also a complete chlorination plant, and it is intended to have a complete cyanide plant. The works when finished will be in a position to treat any ores, whatever process they may require.

Area: About 50 acres.

Postal and Telegraphic Address: McMahon Reef, via Cunningham.

'the district would greatly benefit thereby."

The Chief Inspector of Mines reported under date August 27th, 1896:—"This 'mine during former years has produced a large amount of gold, but 'owing to the ore being rather refractory, and the method for the treat'ment of the same perhaps faulty, results have not come up to the 'expectation of former owners, but the mine is now being worked with 'British capital. The deepest part of the mine is two hundred (200) 'feet; twelve miners are now employed below sinking. There are two 'lodes, one known as the quartz and the other as the pyrites lode; the 'former is about 18 inches, the latter several feet in width. 'Should the Company's operations prove successful to the shareholders

* CURRAJONG CONSOLS MINE.

Parkes.

PARKES DIVISION.

Yields: 5 loads crushed for 7ozs.

Postal and Telegraphic Address: Parkes.

CURRAJONG GOLD MINING CO.

WYALONG WEST DIVISION.

Manager: J. Flannery.

Development: Shaft 285ft., 7ft. by 8ft. in the clear; intended to sink 350ft. poppet heads 40ft. high, 16 H.P. engine, 20 H.P. boiler.

Yields: From 3 to 7oz. per ton; concentrates have sold for £35 per ton, and tailings for £2 5s. per ton.

Area: Eight men's ground.

Postal and Telegraphic Address: West Wyalong.

This is one of the most valuable properties on the Wyalong field.

* DAISY BELL CLAIM.

Mousetrap line of Reef.

WYALONG WEST DIVISION.

Development: Shaft sunk 60ft. to cut the reef at 140ft.

Postal and Telegraphic Address: West Wyalong.

DAISY GOLD MINE.

WEST WYALONG DIVISION.

Proprietors: T. Slade, T. Herse, and others.

Manager: T. Slade.

Development: Main shaft worked by whip. Depth, 380ft. Two outer shafts, 100ft. each, level from main shaft 50ft. north. Lode 10in. wide, worth about loz. per ton. Little or no quartz occurs, ore being all solid arsenical pyrites; formation is 7ft. wide from wall to wall.

Yields: One trial crushing yielded 6oz. 4dwts. 2grs. per ton.

Area: 2 acres.

Postal and Telegraphic Address: West Wyalong.

The claim was converted into a lease in August, 1897, and is now being worked systematically. Sinking will be continued to 400ft., when opening out levels will be put in. The mine is wet.

DAY DAWN SYNDICATE.

Near Yalgogrin (2½ miles from)

YALGOGRIN DIVISION.

Development: Shaft 50ft. on a formation 3ft. wide, carrying gold all through.

Yields: 2½ tons treated for a return of 3oz. 8dwts. per ton.

Postal and Telegraphic Address: Yalgogrin.

THE DAYSPRING CONSOLIDATED GOLD MINING CO., N. L. Parkes.

PARKES DIVISION.

Registered Office: 98 Pitt-street, Sydney.

Registered: 19th February, 1897.

Nominal Capital: £16,000, in 16,000 shares of £1 each.

Issued: £15,950.

Called: £12,800.

Directors: Adrian Knox (Chairman), J. McNall, Geo. Robson, D. P. Dickson, W. Tanner, junr.

Secretary: W. Tarleton.

Yield: During six months ending 7th August, 1897, 1,785 loads were treated at the Koh-i-noor Battery, Parkes, and yielded 666.92cz. smelted gold, which realised £2,385 ls. 7d., the average per load being 7.472dwts., worth £1 6s. 8d. per load.

"1"

Area: 30 acres, leased from the Crown.

Postal and Telegraphic Address: Parkes.

DEAD RABBIT MINE.

WYALONG DIVISION.

Proprietors: Griffiths and party.

Development: Shaft 145ft.

Yields: Average from 2oz. 6dwts. to 19dwts. per ton, latter including

mullock.

Area: Six men's ground.

Postal and Telegraphic Address: Wyalong.

This is the most easterly claim on the Christmas Gift line of reef.

DEMOCRAT CLAIM.

WYALONG DIVISION.

Proprietors: Wm. Thompson, S. Thompson, F. Thompson, R. J. Payne C. J. Payne, R. A. Payne, John Clarke.

Mine Manager: J. Clarke.

Development: Deepest shaft 170ft. (now working); several other shafts 40ft

Yields: 12 tons for 4oz. 2dwts. 16grs. per ton. No other stone has been crushed for want of a battery; 60 tons awaiting treatment.

Area: 4 acres 2 perches.

Postal and Telegraphic Address: Wyalong.

This claim has been idle for several months, but has recently started work.

THE DEMOCRAT CLAIM.

Yalgogrin.

YALGOGRIN DIVISION.

Yields: 4oz. per ton from a reef from 6in. to 18in. wide.

Postal and Telegraphic Address: Yalgogrin.

* DEMOCRAT EXTENDED CLAIM.

Yalgogrin.

YALGOGRIN DIVISION.

* DEMPSEY AND PARTY.

Wyalong.

WYALONG DIVISION.

Yields: A crushing of 16 tons for a yield of 21oz. was reported during the last week of October.

* DIMES AND PARTY (Platinum).

Platina.

FIFIELD DIVISION.

Yields: Latest washing up—21 loads for 1oz. 12dwts. 6grs. gold, and 7oz. 9dwts. 6grs. platinum.

Postal and Telegraphic Address: Platina, via Trundle.

DOCTOR'S REEF MINE.

Junee.

JUNEE DIVISION.

Proprietors: The Howell Exploration Co., Ltd., Mutual Life Buildings, Martin-place, Sydney.

General Manager: John Howell.

Local Secretary: C. H. Hayward.

Development: General prospecting work only.

Area: 10 acres.

Postal and Telegraphic Address of Mine: Junee.

* DOGGER AND PARTY (Platinum).

Platina.

FIFIELD DIVISION.

Yields: Latest washing up, 11 loads for loz. 8dwts. 8grs. gold, and 3oz 18dwts. 6grs. platinum.

Postal and Telegraphic Address: Platina, via Trundle.

DOYLE'S CLAIM.

Pine Ridge.

WYALONG DIVISION.

Proprietors: G. T. Doyle, Major's Creek; A. Smith, W. May, M. Hooban, Wyalong.

Manager: A. Doyle.

Development: No 1 shaft, depth 90ft., connected with No. 2 shaft by level; No. 2 shaft, 155ft.

Yield: 192 tons of stone raised from No. 1 shaft yielded 274oz. smelted gold.

Area: 4 acres.

Postal and Telegraphic Address: Wyalong.

Driving levels north and south at a depth of 150ft. in No. 2 shaft, a well-defined body of sulphide ore showing in both faces. Country rock consists of slate confined between diorite dykes. Main width of slate belt from 12ft. to 18ft., the enclosed rock being more or less impregnated with pyrites.

DWYER AND PARTY.

Jones' Creek, Gundagai.

GUNDAGAI DIVISION.

Yields: Reported to have crushed over loz. to the ton.

DOUGALD, SMART AND PARTY.

Yalgogrin.

YALGOGRIN DIVISION.

Reef struck at about 20ft., carrying good gold. Adjoining Rodger's Claim to the west.

EAST LYNNE MINE.

Carlisle.

CONDOBOLIN DIVISION.

Proprietors: W. Chandler, A. J. Waterson, Geo. Fish, Geo. Batten, A. Chandler, Geo. Morrow (Carlisle, via Fifield).

Development: No. 1 shaft 50ft. on reef averaging 6in., No. 2 shaft 90ft. with level at 45ft. 30ft. south, at south end of level winze 25ft. Average width of stone 8ft. 6in. throughout. 200 tons from No. 2 shaft at grass. Backs reported to contain about 800 tons of ore in sight.

Yields: From No. 1 shaft 18 tons for 11ozs. 2dwts.; from No. 2 shaft 7 tons for 10oz. 18dwts. Obtained by ordinary battery treatment.

Area: 41 acres.

Address, Postal: Carlisle, via Fifield; Telegraphic—Carlisle, via Trundle Stone highly mineralised requiring chlorination; rich in sulphides and pyrites. Quartz creamy with bands of gossan.

* ENGELEN AND PARTY.

Brungle Creek.

GUNDAGAI DIVISION.

THE ENTERPRISE GOLD MINE.

Reefton.

REEFTON DIVISION.

Proprietors: John R. Curry, May and East, E. Gardner, M. Lazarus, Temora; J. Price, S. Lander, Reefton; and others.

Manager: Managed by the proprietors.

Development: No. 1 shaft, 300ft.; No. 2 shaft, 200ft. No machinery

Yields to date: Crushed 2,402 tons stone; stone yielding 2,647oz. gold, valued at £10,456.

Area: 3 acres 1 rood.

Postal and Telegraphic Address: Reefton.

THE ENTERPRISE BATTERY AND QUARTZ MINING CO. Grenfell.

GRENFELL DIVISION.

Plant: Twelve head stamp battery.

Postal and Telegraphic Address: Grenfell.

This battery has been sold to Messrs. C. T. Sutton & Co., of Melbourne.

Secretary: C. P. Bawden.

Manager: W. H. Price.

ERREBENDERY GOLD MINING CO., Ltd.

Registered Office: Errebendery, Cudgellico.

Date of Registration: January, 1894.

Nominal Capital: £1,024, in 5,120 shares at 4s. per share.

Issued: At 2s. per share paid up.

Amount called up: 1s. 7d. per share.

Directors: D. E. McKellar (Chairman), Cudgellico; John Edgar, Errebendery Euabalong; J. H. Orr, F W. Orr, and David Edgar, Cudgellico.

Legal Manager: A. P. Webster.

Development: Main shaft timbered and centred and down 150ft., and drives at 50ft., 80ft., and 145ft. levels. Steam pump, battery of 5 stampers, and portable engine; buildings, &c.

Area: 15 acres of gold mining lease, and 2 acres machinery area.

Postal and Telegraphic Address of Mine: Cudgellico.

Owing to heavy influx of water work has been discontinued, but arrangements are being made for putting on suitable machinery and developing the mine. To date 1,371oz. of gold, valued at £5,484, has been taken from the mine.

EUREKA QUARTZ CLAIM.

Yalgogrin.

YALGOGRIN DIVISION.

Proprietors: W. Waldron, J. Steep, J. Nickels, P. Worthenton, John Brown, W. Right, F. Dempster, A. Lewinton, E. Hatton, D. Elliott, H. Elliott.

Manager: John Brown.

Development: Five shafts.

Yield: About 500 tons yielded from loz. to 5oz. per ton, or an average of

30z. Highest value of gold, £4 2s. 6d.; lowest, £4.

Area: 10-acre lease applied for.

Postal and Telegraphic Address: Yalgogrin. Character of country, sandstone and slate.

EVENING STAR MINE. Weddin.

GRENFELL DIVISION.

Manager: Geo. Boutilien. Development: Horse whip.

Yields: Nil this year; 18dwts. last year.

Area: 7 acres.

Postal and Telegraphic Address: Weddin.

The claim is being worked on Government Ground 220ft., carrying veryfine gold all the way.

* FIERY CROSS CLAIM.

Barmedman.

BARMEDMAN DIVISION.

Proprietors: Maddison and party.

Development: The shaft at the end of 1896 was down 195ft,, and the water

troublesome.

Postal and Telegraphic Address: Barmedman.

FRAZER AND SCOTT'S CLAIM.

Platina.

FIFIELD DIVISION.

Owners: Frazer and Scott.

Managed by proprietors.

Development: Four shafts on lead, connected. An average depth of wash of:
6in., yielding about ½oz. of platinum and gold per load in the proportion
of 4 of platinum to 1 of gold.

Yield: Last wash up, 12 loads for 16dwts. 4grs. gold, and 3oz. 6dwts. 6grs.. platinum.

Postal and Telegraphic Address: Platina, via Trundle or Dandaloo.

FERGUSON AND MATTHEWS.

Platina.

FIFIELD DIVISION.

Yields: Latest washing up—12 loads for 19dwts. 4grs. gold, 3ozs. 12dwts. 18grs. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

FORGET-ME-NOT CLAIM.

Currajong Line of Reef.

WYALONG WEST DIVISION.

Yields: Exceptionally rich stone is reported to have been raised from the 200ft. level of this claim, and an influx of water to be retarding operations.

Postal and Telegraphic Address: West Wyalong.

FOSTER AND PARTY.

Thompson's Hill.

FORBES DIVISION.

Area: 3 acres.

Postal and Telegraphic Address: Forbes.

Some very rich stone was found in this claim during 1896, 8 tons crushed yielding 45ozs. 16dwts. 8grs. of gold.

FRANCIS AND BOURNE'S GOLD MINE.

Bushman's Daughter line of Reef.

GUNDAGAI DIVISION.

Proprietors: Thomas E. Francis, Caroline Francis, William Bourne and Thomas Bourne.

Development: Shaft 60ft., length of shute 30ft., so far known; crushings, 2 tons, 2 oz. 7dwts.; 3 tons, 2oz.; 5 tons, 4oz. 10dwts.; 2 tons, 2 oz. 8dwts.; 3 tons, 2oz. Stone highly mineralised, and the mine possesses no appliances for saving the gold: veins range from 3in. to 1 foot. The stone pitching south into the reef making longer every foot. Capital is needed for deep sinking.

Area: 240ft. by 400ft.

Postal and Telegraphic Address: Jones Creek, Gundagai.

* GARRY OWEN CLAIM.

Mousetrap Line of Reef.

WYALONG WEST DIVISION.

Proprietors: Smith and party.

Postal and Telegraphic Address: West Wyalong.

GIPSY QUEEN CLAIM.

BARMEDAN DIVISION.

Proprietors: Andrew Keys, Wagga; David Davis, Wagga; William Tyrrell, West Wyalong.

Development: Three shafts, two 120ft, one 190ft., levels in 50ft., and at 190ft. still extending.

Yields: By battery process, 43 tons for 41oz. 5dwt.; by chlorination process, 127 tons for 449oz. 16dwts., valued at £2,050.

Area: Mining tenement 240ft. by 240ft.

Postal aud Telegraphic Address: West Wyalong.

* GLADSTONE CLAIM.

WYALONG DIVISION.

Proprietors: Slade and party.

Yields: A crushing of 9 tons for a return of 40oz. 10dwts. was reported at the end of September.

GODFRY AND BROOKS.

Platina.

FIFIELD DIVISION.

Yields: Latest washing-up (12 loads), 6dwts. 12grs. gold; 1oz. 18dwts. 12grs. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

THE GOLCONDA GOLD MINING CO., N. L.

PARKES DIVISION.

Registered Office: 122 Vickery's Chambers, 82 Pitt-street, Sydney.

Capital: £18,000, in 18,000 shares of £1 each; 12,000 shares fully paid-up, 6,000 contributing paid up to 12s. 6d.

Directors: William Rose (Chairman), Lewis Levy, T. D. P. Holden, William John Adams, Elijah Joseph, John Collins.

Legal Manager: Charles Benjamin Roden.

Mine Manager: William Osborne Pomroy.

Area: 26 acres.

Postal and Telegraphic Address: Parkes.

Hauling done by horse-power. Battery returns average 1oz. 3dwts. Reef from 1ft. to 14ft.; mine being opened up; prospects extremely encouraging; regular remunerative returns expected in January.

* GOLDEN EAGLE CLAIM.

WYALONG DIVISION.

Proprietors: O'Brien and party.

Yields: Exceptionally rich stone reported to assay as high as 7Coz. to the ton has been raised from this claim.

THE GOLDEN FLEECE GOLD MINING CO., N. L.

WYALONG WEST DIVISION.

Registered Office: West Wyalong.

Date of Registration: 23rd March, 1896.

Nominal Capital: £24,000.

Issued: £24,000 scrip at £1 half paid-up; half contributing paid up to 10s.

Dividends: 1s. 8d per share; to date £2,000.

Directors: Michael Butler (Chairman), John P. Clements, Barmedman; Jas Joseph McDonnell, Wyalong; Joseph Connolly, John Peter Clements junr., Wyalong West.

Legal Manager: David Alexander Middlemis.

Mine Manager: M. Lynch.

Development: There are nine shafts on the mine Sinking in all amounts to 1,100ft. The deepest shaft is 200ft. Since work was started on the claim in 1894, 1,693 tons of stone have been raised for 2,165oz. gold.

Area: 5 acres 1 rood 28 perches.

Postal and Telegraphic Address: West Wyalong.

The claim was converted into a lease in June, 1896, and has been worked systematically since the opening of the mine.

* GIBSON AND PARTY. No. 2, South of Doyle's, Pine Ridge. WYALONG DIVISION.

* GOLDEN GATE CLAIM.

WYALONG DIVISION.

The main shaft of this mine was reported to have reached a depth of 176ft at the end of 1896, but all communications addressed thereto have been returned through the post "unclaimed," and in one case, "unknown."

GORMLEY AND PARTY.

Reefton.

REEFTON DIVISION.

* GRAHAM AND PARTY. Yalgogrin.

YALGOGRIN DIVISION.

Yields: A crushing of 5 tons was reported to have yielded 6\frac{1}{2}oz. during the last week of October

Postal and Telegraphic Address: Yalgogrin

* GRAND NATIONAL CLAIM.

WYALONG WEST DIVISION.

Proprietors: Quilty and party.

Postal and Telegraphic Address: West Wyalong.

* GRAND UNITED AUSTRALIAN STAR CLAIM.

WYALONG WEST DIVISION-

Development: Shaft 153ft. (water level); reef averages about 1ft.

Area: Sixteen men's ground.

Postal and Telegraphic Address: West, Wyalong.

* GREAT BRITAIN CLAIM. Mousetrap Line of Reef.

WYALONG WEST DIVISION.

Development: Depth of shaft and winze 240ft.; drive at the 210ft. level, 31ft., showing good gold.

Yields: One ton treated at end of November, 8oz. Ores assay 29oz. per ton.

Postal and Telegraphic Address: West Wyalong.

GREAT CENTRAL GOLD MINE.

Yalgogrin.

YALGOGRIN DIVISION.

Proprietors: Norman, Archie and Donald Ross, John Brown, Peter Leitch.

Mine Manager: Norman Ross.

Development: One underlay shaft 140ft., one 90ft.; 200ft. of driving.

Yields: Several parcels only of 6 tons treated this year for 18oz. of gold.

Area: 10 acres.

Postal and Telegraphic Address: Yalgogrin and Ungarie.

THE GREAT LESLIE GOLD MINING SYNDICATE. Gundagai.

GUNDAGAI DIVISION.

Proprietors: Robert Anderson (trustee for a syndicate).

Manager: Hector Anderson.

Development: Shafts 25ft., 18ft., and cutting 42ft. long, 12ft. deep, 10ft. wide.

Yields: 20 tons, 18dwt.; 13 tons, 14dwt.; and 50 tons, 10dwt.

Area: 60 acres.

Postal and Telegraphic Address of Mine: Gundagai.

This is a lode formation running right through the property averaging 12ft. wide, and will average 12dwt. per ton.

GRENFELL CONSOLS MINE.

GRENFELL DIVISION.

Proprietors: Henry Fitch and James W. Williams (for a syndicate of 12 shareholders).

Manager: H. Fitch.

Development: Shaft 264ft. divided into two compartments each 3 x 8; lode at bottom 5ft. wide carrying poor grade stone; drive at 200ft., 17ft., and lode 6ft, wide carrying poor grade stone for 120ft. north. Above this the stone was highly payable to surface.

Yields: The former proprietors, who took the stone from the surface to the 200ft. level, got dividends up to £100 per week, notably the shareholders No. 1 North. At the time the lease was held by four distinct parties.

Area: 5 acres.

Postal and Telegraphic Address: Cowra-road, Grenfell.

Having timbered and secured the workings, 140ft. north the owners found the reef divided, having an eastern and western leg. After cutting, worked the two for 20ft. and found eastern leg very small, carrying gold highly intermixed with arsenical pyrites and iron, when a fault was met with. Now, driving along fault to cut eastern leg, drive in about 15ft. Intend going 28ft., and should expectations be realised great impetus will be given to mining in the locality.

HALL AND GARLAND.

Platina.

FIFIELD DIVISION.

Yields: Last washing up 15 loads for 1oz. 2dwts. 16grs. gold and 6oz. 17dwts. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

HALL'S REWARD GOLD MINE.

Temora.

TEMORA DIVISION.

Proprietors: James Hall, Thomas Hall, George Hall and Joseph O'Mara, Springdale, Temora.

Mine Manager: James Hall.

Development: Four shafts, 100ft., 90ft., 50ft. and 40ft.; No. 1 and 2 shafts connected with a drive and opened about 80ft along the line of reef.

Yields: Crushed for this year about 150 tons for a yield of about 170oz. gold.

Area: 10 acres lease.

Postal and Telegraphic Address: Temora.

At present in the hands of a broker for flotation purposes.

* HAMILTON AND PARTY.

WYALONG DIVISION.

Yields: Crushing of 42 tons was reported to have yielded 18½oz. in November.

* HANCOCK AND HOWARD.

WYALONG DIVISION.

Yields: 130 tons of mullock were reported in the beginning of September to have returned 30oz. gold.

* HANRATTY AND PARTY.

WYALONG WEST DIVISION.

We have succeeded in communicating with this firm through the courtesy of Messrs. Nicholas & Reymond, but our letters addressed to them through the post have been returned "unclaimed."

* HARD TIMES CLAIM.

Mousetrap Line of Reef.

WYALONG WEST DIVISION.

HARRY SMITH GOLD MINING CO., N.L.

Grong Grong.

NARRANDERA DIVISION.

Registered Office: East-street, Narrandera.

Mine: Harry Smith Mine.

Registered: March 18, 1895.

Nominal Capital: £24,000.

Issued: £24,000 in £1 shares.

Called Up; £18,000.

Dividends: £3,300, last 6d. per share.

Directors: R. H. Ferrier (Chairman), Thomas V. Smith, Geo. D. Smith, L.

Abrahams, (Narrandera); Jas. Ashton, M.P. (Sydney).

Legal Manager: Jas. Ashton, M.P., Sydney.

Mine Manager: Thos. V. Smith.

Development: Two shafts, deepest 240ft., underlay shaft 90ft. Driving in

all 388ft.; main drive 130ft. Plant (£1,000). 20-H.P. engine, 10

head battery, and all the necessary appliances for working the battery

Area: 19 acres.

Postal and Telegraphic Address; Grong Grong.

Crushed 10,419 tons for £9,496.

* HARTMAN AND PARTY.

WYALONG WEST DIVISION

HAWTHORN AND PARTY.

Jones' Creek, Gundagai.

GUNDAGAI DIVISION.

HELL FIRE JACK GOLD MINING CO.

WYALONG WEST DIVISION.

Manager: H. J. Paddock.

Yields: One ton of first quality ore treated by the Smelting Co. of Australia at the end of October yielded 13oz. 7dwts. gold and one and a-half ton seconds, 5oz. 12dwts. 9grs. per ton.

Postal and Telegraphic Address: West Wyalong.

HIDDEN TREASURE.

WYALONG DIVISION.

Proprietors: Fowke and party.

* HILDER AND PARTY.

(No. 1, South of Shamrock and Thistle).

WYALONG WEST DIVISION.

HILDERBRAND AND PARTY.

WYALONG WEST DIVISION.

Proprietors: C. Hilderbrand, Margaret Hilderbrand, H. Smith, Mary Smith, W. Smith, John Smith, John McDonald, Angus McDonald, H. Soudan. Wyalong.

Manager: C. Hilderbrand.

Development: Shaft 285ft., stoped to surface for 100ft. along line of reef.

Yields: 1,200 tons quartz for a yield of 1,300oz. gold.

Area: About 4 acres.

Postal and Telegraphic Address: West Wyllong.

* HILL AND PARTY.

About Six Miles from Yalgogrin.

YALGOGRIN DIVISION.

Yields: A return of 2oz. per ton was reported from the crushing of a parcel of stone in November.

Postal and Telegraphic Address: Yalgogrin.

HINGERTY AND PARTY.

Reefton.

REEFTON DIVISION.

HOMEWARD BOUND CLAIM.

WYALONG WEST DIVISION.

Proprietors: J. D. Brierly and others (West Wyalong).

Mine Manager: John R. Burt.

Development: 4 shafts, totalling a depth of 500ft.; no machinery.

Yields: 286 tons for 532oz. 14dwts. gold.

Area: 4 acres 1 rood 25½ perches. Held under lease.

Postal and Telegraphic Address: West Wyalong.

Three lines of reef run through the property.

HOMEWARD BOUND GOLD MINING CO.

Grenfell.

GRENFELL DIVISION.

Proprietors: A local company of 25 shares.

Legal Manager: W. G. Campbell.

Secretary: George Cousins.

Development: Worked to 450ft. level. At present working 330ft. level on good payable stone. Seventeen hands all told at present working, 13 below, 4 on top. No machinery. Water and stone drawn by whim with horse. Splendid water site with never failing supply of water, held by Company. Reef averages through the mine about 4ft. Main shaft about 430ft.

Yields: £280,169 worth of gold from this property. Last year £2,605 worth of gold. Last crushing 25dwts. to the ton; now crushing 250 tons.

Area: 14 acres.

Postal and Telegraphic Address: Grenfell.

Capital is required to work systematically, as there are thousands of tons of stone in sight which will crush 8 to 10dwts. Present system does not pay to get it out. It is estimated the present block will go from 15 to 20dwts. per ton. Value of gold per oz. £4 1s. Four good reefs are held by this Company.

HOWELL'S CONSOLIDATED GOLD MINES. Ltd. Gundagai.

GUNDAGAI DIVISION.

Registered Office: 110 Cannon-street, London, E.C.

Names of Mines: Prince of Wales Mine, Gundagai, and Dust Hole and

Just in Time Mines, Junee.

Registered: 30th October, 1896.

Nominal Capital: £150,000.

Issued: 150,000.

Called up: £150,000.

Directors: Sir E. Herbert, K.C.B., Bellevue House, Richmond, Surry, England (Chairman); the Right Hon. the Earl of Berkeley, F.G.S., F.C.S.; Henry Devitt, Mincing Lane, E.C.; Robert Burt Marzetti, King's-road, Clapham Park, South Wales; T. K. Stubbins, Moorlands, Bagshot, Surry.

General Manager: John Howell, Mutual Life Buildings, Martin Place.

Secretary: J. J. Bethell, 110 Cannon-street, London, E.C.

Mine Managers: Alfred E. Brown, Prince of Wales Mine; John Anthony, Dust Hole and Just in Time Mine.

Local Secretary: C. H. Hayward, Mutual Life Buildings, Martin Place, Sydney Development: Prince of Wales Mine—One main shaft 300ft. deep; large quantity of driving, cross-cutting, winze sinking. One smaller shaft, 150ft. deep, &c. Plant: Winding engine, sinking pumps. 20-head battery in course of erection. The mine workings are so situated as to enable the plant to be placed in close proximity to them. When the mine is full work it will employ fully 300 men. Dusthole and Just-in-Time mines, prospecting work only.

Area: 40 acres. Prince of Wales Mine; 30 acres Dust Hole and Just in Time.

Postal and Telegraphic Address of Mines: Gundagai and Junee.

All free gold. Since date of incorporation mine has been rapidly opened by means of good main shaft and drives at 200ft. level. Two main reefs, known as Prince of Wales Reef and White Reef. Is is expected the battery will be started early in the new year.

* THE IRONBARKS CLAIM. (North of the Lucknow).

WYALONG WEST DIVISION.

* IRONBARK PROSPECTORS MINE.

Pinnacle Reefs, Boyd.

FORBES DIVISION.

Stone is being raised from the 100ft. level, stoping both north and south, intending to crush 100 tons before cleaning up; battery started on this parcel, and from appearances it should prove satisfactory. Lease reported to be under offer to Sydney syndicate with every probability of sale being effected.

THE IRONSTONE REEF.

Forbes.

FORBES DIVISION.

Proprietor: W. Hampton, Forbes.

Development: The reef is being prospected. There are three shafts, the deepest being 60ft., and trenches.

Yields: No crushings. Assays show from 2dwts. to 9oz. The lode is about 4ft. wide, and gold can be obtained from any part by mortar crushing.

Area: 5 acres.

Postal and Telegraphic Address: Forbes.

J.B.J. GOLD MINE.

Yalgogrin.

YALGOGRIN DIVISION.

Proprietors: Mossgiel Prospecting Syndicate.

Manager: H. M. D. Huntley.

Secretary: J. M. Abrahams (Mossgiel).

Development: One shaft 250ft. on underlay.

Yields: Trial crushings. Free milling ore 4 tons, 2½oz. per ton; 5 tons, 4½oz. per ton; 4 tons, 6oz. ldwt. per ton; 5 tons, 7oz. 3dwt. per ton. 140ft. pyrites ore met with. Trial crushings—6 tons, 2½oz. per ton; 6 tons, 4½oz.; 2 tons, 5oz.

Area: 4 acres 1 roods 24 perches.

Postal and Telegraphic Address: Yalgogrin.

J. JOHNS AND PARTY (Platinum).

Platina.

Yields: Latest washing up—14 loads for loz. 12gr. gold., and 4oz. 4dwts. 2gr. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

* JOHNSTON AND LIVINGSTON.

Platina.

FIFIELD DIVISION.

Yields: Last washing up 10 loads, gold 10dwt. 6gr., platinum 2oz. 19dwts.

Postal and Telegraphic Address: Platina, via Trundle.

* AARON JOHNSON AND PARTY.

Parkes.

PARKES DIVISION.

* JOHNSON AND PARTY (Platinum)., Platina.

FIFIELD DIVISION.

Yields: Latest washing up, 13 loads for 1oz. gold, and 2oz. 15dwts. 12grs. platinum.

Postal and Telegraphic Address, Platina, via Trundle,

* JOSEPHINE MOULDER MINE. Mount Wilga.

CUDGELLICO DIVISION.

The annual report of the Department of Mines, 1896, states that nothing but an adequate water supply and proper crushing plant are needed to render this claim remunerative.

* THE JUBILEE GOLD MINING CO. Pine Ridge.

WYALONG DIVISION.

JULIA REUBEN MINE.

Condobolin.

CONDOBOLIN DIVISION.

A lease of the ground for this mine was granted. Area: 20 acres. A shaft has been sunk 50ft., and drives put in for about 20ft. along the reef, and a small rich patch of gold was found on the reef within 10ft. of the surface, which gave an assay of 99oz. of gold to the ton, but the owners did not care to risk money for further development.

[The Chief Inspector of Mines anticipates favourable results from the development of this claim.]

* JUNCTION (late Organs) CLAIM.

WYALONG WEST DIVISION.

Development: New shaft 8ft. x 3ft. is being sunk at a depth of 327ft.; a reef was struck 12in. wide, being the greatest depth at which gold has been found on Wyalong. Poppet Heads 86ft. high, 10 H.P. engine, 20 H.P. boiler.

Yields: Ore from upper levels treated at Neeld's Chlorination Works, yielded 7oz. 15dwt. per ton. A dividend of £8 6s. 8d. was announced on the 80th August, and a crushing of 82 tons for a yield of 12oz. 16dwts. on the 20th November.

Area: Eight mens' ground (lease applied for).

Postal and Telegraphic Address: West Wyalong.

KADINA GOLD MINE.

ALECTOWN DIVISION.

Proprietors: McPhilimay, Stewart, Cameron, and Bagwells (Alectown).

Mine Manager: Alexander Cameron.

Development: Shaft No. 1, 100ft.; No. 2, 20ft.; driving in the No. 1 shaft to catch the underlay.

Yields: 14 tons for 7oz. gold, and 6 tons for 6½oz.

Area: 20 acres.

Postal and Telegraphic Address: Alectown.

* KEEP IT DARK CLAIM.

(Currajong Line of Reef).

WYALONG WEST DIVISION.

Development: Three shafts 152ft., 100ft. and 80ft., work at present being carried on in latter shaft; average width of reef, 18in.

Yield: Hand crushing of 14 tons yielded 6oz. 12dwt.

Area: Six men's ground.

Postal and Telegraphic Address: West Wyalong.

This claim is reported to have four distinct lines of reef.

* KING BILLY CLAIM.

WYALONG WEST DIVISION.

KLINK'S NEW SOUTH WALES GOLD MINING CO., N.L.

WYALONG WEST DIVISION.

Registered Office: West Wyalong. Registered: 80th October, 1897.

Nominal Capital: £21,600; £1 shares issued as paid up to 15s. each.

Called up: Nil.

Dividends: February, 1896, to September, 1897, £10,744. Last monthly

dividend amounted to £864.

Directors: (To be elected).

Legal Manager: Thomas Rouse. Mine Manager: Leonard Jones.

Development: Main shaft sunk 200ft. During past eighteen months 540 tons ore raised, and sold for an average yield of 7oz. per ton. Opening out new levels at 200ft. on splendid quality ore. Steam winding plant to be erected immediately.

Postal and Telegraphic Address: West Wyalong.

Up to the present the mine has been worked by a co-operative party, nearly all of whom are the present shareholders.

During 1896, 352 tons yielded 2,338oz. equal to over 6oz. 12dwt. per ton.

An average of twelve men only is employed in this mine.

KLONDYKE CLAIM.

(Late Hit or Miss).

WYALONG DIVISION.

Proprietors: May and party.

Mine Manager: —. Leo.

Development: Shaft 210ft. There are two reefs on this property running parallel with each other from 2 to 20ft. apart. East reef has an average width of 2ft., and the west 1ft.

Yields: Crushings reported; 23 tons firsts, 2oz. 4dwt. per ton; 13 tons seconds, 9dwt. per ton; 20 tons firsts, 3oz. 15dwt. per ton; 18 tons seconds, 19dwt. per ton; 30 tons firsts, 3oz. 10dwt. per ton; 120 tons various about 8½oz. per ton.

Postal and Telegraphic Address: Wyalong.

Four shares in this claim were sold in October for £350.

KOH-I-NOOR GOLD MINING CO., N.L.

Parkes.

PARKES DIVISION.

Registered Office: Orange.

Mines: The Koh-i-noor and Currajong Consols.

Registered: July, 1891.

Nominal Capital: 21,000 shares at £1 each.

Issued: 1,000 as fully paid up, 20,000 as paid to 17s. 6d. per share.

Called up: 10d. per share in addition to 17s. 6d. as issued.

Dividends: Total, £5,565.

Directors: W. H. Hall (Sydney), Jas. Rutherford (Bathurst), E. Nathan (Forbes), Joseph Aarons (Wellington), A. Buckham (Orange), F. J. Mulholland (Orange).

Legal Manager: W. Turner, jun.

Development: Sinking and driving operations at Koh-i-noor Mine and Curra-jong Consols Mine; and Koh-i-noor battery (20 head) and dam.

Area: Koh-i-noor, 9 acres; battery site, 5 acres; Currajong and Consols, 19 acres.

Postal and Telegraphic Address of Mine: Parkes.

LACHLAN GOLD FIELD, Ltd.

Forbes.

FORBES DIVISION.

Registered Office: 63 and 64 New Broad-street, London, E.C.

Name of Mine: Sinclair's reef.

Nominal Capital: £75,000.

Called-up: £75,000,

Secretary: E. W. Fellgate, 63 and 64 New Broad-street, London.

Mine Manager: Wm. Thomas.

Consulting Engineer: Captain James Dunstan, Sydney.

Development: Two shafts, 90ft. and 45ft. deep. 20-head battery in course

of erection. also winding and pumping machinery.

Area: 20 acres, and 7 acre dam site.

Postal and Telegraphic Address: Forbes.

LADY JANE MINE.

The Pinnacle Reefs, Boyd.

FORBES DIVISION.

Let on tribute.

"LARDY-DAH" PLATINUM MINE.

Platina.

FIFIELD DIVISION.

Proprietors: Hall and Garland.

Mine Manager: The proprietors.

Development: No. 1 shaft 55ft. At present working a face 41ft. wide. Depth of wash dirt 6in. to 8in. Soft reef to work.

Yields: First washing, 15 loads for £18 17s. 7½d.; second washing, 15 loads for £14 8s. 4½d. A quantity of dirt at grass estimated to go as well as the first washing.

Postal and Telegraphic Address: Platina, via Trundle.

LEGER CLAIM.

WYALONG WEST DIVISION.

Proprietors: Mrs. Presser, one moiety; other shareholders, John Dighton, Wyalong; F. E. Welby, Wyalong West; J. J. Roth, Mr. Mason, Sydney.

Secretary: E. Ross.

Mine Manager: Robert Brodie.

Development: Three shafts, 117ft., 150ft., 200ft.; levels driven at various depths from 68ft. down to the 200ft. Stoping has been completed from 200ft. up to 63ft. from surface on northern portion of claim. Whip and whim worked by horse.

Yields: From August, 1894, to October, about 500 tons stone for an average of 2oz. per ton.

Area: 240ft. by 400ft.

Postal and Telegraphic Address: West Wyalong.

The mine was shut down for twelve months, owing to the death of Mr. Presser, and pending a settlement of the lease. The lease was granted, and work was started in the beginning of September, 1897.

LIGHTHOUSE CLAIM.

WYALONG WEST DIVISION.

Mine Manager: John Campbell.

Development: Shaft 492ft., in search of the Victoria line of reef; country very hard granite. Inflow of water about 3,000 gallons in 24 hours. Further aid from the Prospecting Vote has been granted to the extent of 50s. per foot.

Area: 15 acres, leasehold.

Postal and Telegraphic Address: West Wyalong.

LITTLE HERO CLAIM.

WYALONG WEST DIVISION.

Proprietors: H. P. Fletcher, J. P. Fletcher, W. T. Coonan, Benjamin Hamilton, Harry Walkom, and party, all of West Wyalong.

Mine Manager: Benjamin Hamilton.

Development: Two shafts; total sinking about 300ft.; and a drive of 300ft. along the line of reef to connect shafts; about 100ft. cross-cuts to prospect ground.

Yield: 112 tons, varying from 5oz. to 10z. per ton.

Area: Eight men's ground (a little over 4 acres).

Postal and Telegraphic Address: West Wyalong.

No sinking beyond the water-level, the work done having been practically only prospecting.

* LITTLE PLAIN GOLD MINING SYNDICATE.

Young.

YOUNG DIVISION.

LIYINGSTON AND PARTY (Platinum).

Platina.

FIFIELD DIVISION.

Yields: Latest washing up -12 loads for loz 3dwt. gold, and 5oz. 18dwts.

platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

* LOOK-OUT CLAIM.

WYALONG WEST DIVISION.

* LONONDERRY CLAIM.

(North of the Lucknow).

WYALONG WEST DIVISION.

LONE HAND CLAIM, No. 2.

Tumut Road, Gundagai.

GUNDAGAI DIVISION.

Proprietors: Messrs. Black and Co., Sydney.

Mine Manager: Arthur Beresford M. Davis.

Development: One shaft 28ft., at present reef in three parts, 1ft. wide each running east and west, expected to turn north and south.

Yields: For this year three crushings, two of 7 tons each, and one of 4 tons, for a total of 16oz. 1dwt. valued at £3 17s. 10½d. per oz.

Area: 20 acres.

Postal and Telegraphic Address: Tumut Road (marked tree line), Gundagai.

The stone is heavily charged with pyrites and other minerals, galena, mundic. The tailings and blankettings from the crushings going up to 21oz. to the ton.

LOUISA CLAIM.

West Wyalong.

WYALONG WEST DIVISION.

Proprietors: Frederick Hancox, John Burt, Samuel Killen, Thomas Donoghue, John Langridge, William Porter, Maud Soudan, Vinc Gelling, all of West Wyalong.

Mine Manager: Samuel Killen.

Development: The above is a block claim consisting of eight men's ground; lease applied for. There are six shafts, about 800ft. of sinking, and 300ft of driving done, but not with much success until lately when a reef about 6in. was struck. About 40 tons of stone at grass estimated to yield loz. per ton.

Area: Eight men's ground.

Postal and Telegraphic Address: West Wyalong.

LUCKNOW CLAIM (late Bolt's).

WYALONG WEST DIVISION.

Proprietors: W. Rae, W. Bolt, D. Blair, A. E. Blunden, C. S. Gillett, G. Bolte, West Wyslong.

Secretary: W. Rae.

Manager: Wm. Harris.

Development: One main shaft, 9ft. by 3ft., in clear; three compartments. Depth, 250ft. Level driven 150ft.; ground stoped 50ft. by 140ft. One 14 H.P. vertical boiler, one double-cylinder engine, with winding-gear, cage, trucks, &c., and all necessary appliances.

Yields: From July, 1895, to July, 1897—Local battery treatment, 170 tons for 280oz.; chlorination, at Ballarat, Wallaroo, Clyde, and Footscray, 377 tons for 2,506oz. Crushing, end of September, 1897: Firsts, 6 tons 12cwts. yielded 100oz. 6dwts. 21grs.; seconds, ditto 27oz. 10dwts. 24th October: Seconds, 40 tons 5cwts. for 144oz. 15dwts. 19grs.; firsts, 8 tons 14cwts. for 159oz. 13dwts. 20grs.; 8 tons firsts for 146½oz.; 84 tons seconds for 154oz. November, by the Smelting Co. of Australia: 6½ tons firsts for 155oz,; and 44 tons seconds for 176oz.

Area: 4 acres, leasehold.

Postal and Telegraphic Address: West Wyalong.

Stone to a depth of 120ft., partially oxidised when a dense sulphide of iron occurs with a small percentage of galena, giving as high as 19oz. 2dwts by chlorination treatment; width of stone varying from a few inches to 4ft. The old shaft—depth 250ft.—having been condemned, no stone has been taken out of the claim since September, 1896, therefore the above yields were taken out in a fraction over 12 months. The present new main shaft (250ft.) has taken nearly 12 months to complete, including cross-cut (29ft.) and a drive of 100ft along the reef to break into the old workings, shaft and machinery costing over £2,000.

* LUCKNOW MINE.

Grenfell.

GRENFELL DIVISION.

Proprietors: George O'Brien and party.

Development; Received aid from the prospecting vote to sink shaft to 500ft level.

Postal and Telegraphic Address: Grenfell.

* LUCKY HIT CLAIM.

WYALONG DIVISION.

Proprietors: Musgrave and party.

Let on tribute.

* JOHN M'DONOUGH AND PARTY. Goodwin's Paddock, Buddegower, near Wyalong.

WYALONG DIVISION.

An alluvial claim; received Government aid during 1896. Payable gold was struck at a depth of 30ft. From 6 loads they washed 13½dwt. of gold and a quantity of tin. A rush resulted, but the lead did not prove to be of any great extent.

* McINERNEY'S ALLUYIAL LEAD.

Stoney Creek.

GUNDAGAI DIVISION.

Proprietor: —. McInerney.

In 1890 this lead was tested with bores with such encouraging results that a prospecting shaft was sunk and drives put in, the ground being sufficiently opened to prove a strong lead. The wash, which is heavy, averages 8ft. to 6ft. in depth and 240ft. in width. The work of erecting a large and sufficient plant was commenced, but unforseen circumstances led to the abandonment of the enterprise. The returns averaged from 3dwt. to over 2oz. per load, and in the opinion of competent authorities it is one of the richest and longest leads in the colony. It is understood to be the intention of the proprietor to renew operations.

* M'LEOD AND PARTY.

WYALONG DIVISION.

* MALLEE BULL CLAIM

WYALONG DIVISION.

Yields: A parcel of stone amounting to 26 tons taken from within a few feet of the surface during the middle of September and treated at Gough's battery was reported to have yielded 60oz. smelted gold; a crushing of 20 tons for 18oz. was reported on the 20th November.

* M'GLYNN AND PARTY.

(Late Quayle's Claim), Parkes.

PARKES DIVISION.

Yields: A crushing of 83 loads from this claim is reported to have given a return of 56oz. The blanketings are expected to yield 12oz.

* MANLY'S REEF MINE.

Garangula.

GARANGULA DIVISION.

Proprietors; Adams Bros.

This claim has only lately been taken up.

* MILLER AND PARTY.

(Adjoining the Adelaide).

YALGOGRIN DIVISION.

Development: Shaft 150ft. A quantity of stone at grass.

Postal and Telegraphic Address: Yalgogrin.

* MOONSTREAK CLAIM.

WYALONG WEST DIVISION.

* MONTE CHRISTO CLAIM.

WYALONG WEST DIVISION.

This mine is worked on tribute. It is reported to have had some crushings, but no definite particulars are available. Adjoins the Shamrock and Thistle.

* MORRISON AND PARTY.

YALGOGRIN DIVISION.

Development: Shaft down about 100ft. on a reef of from 1ft. to 18in. showing fair gold.

Postal and Telegraphic Address: Yalgogrin.

MOUNT ALLEN CLAIM. Yalgogrin.

YALGOGRIN DIVISION.

Proprietors: T. Morrison & J. Rogers & R. Holmes, C. Flannigan M. Barnett 1/16, Mrs. Barnet 1/16, F. Collins 3/16, T. Stafford 3 16 (Yalgogrin).

Development: No. 1 shaft 100ft., level 8ft. west; No. 2 shaft 12ft. vertical, 28ft. underlay; No. 3 shaft 20ft., level 40ft.; east underlay shaft south from the level, 35ft. (55ft in all); No. 1 and 2 shafts connected. All these workings are on a sulphide reef varying from 4in. to 2ft. of good stone, showing gold in the breaking of it down. The formation averages about 4ft. 6in.

Yields: Only taken up 17th May this year. No stoping done; about 30 tons stone at grass estimated at 3oz.

Area: Eight men's ground.

Postal and Telegraphic Address: Yalgogrin.

Mount Allen Reef, like other reefs in the district, changes from free gold stone for a mineral lode at the 100ft. level. Country—hard, dry granite; ordinary sinking price about £2 15s. per foot up to 120ft.

MOUNT CLARENDON MINE. Gundagai.

GUNDAGAI DIVISION.

Proprietors: N. Borchardt and others.

Manager: N. Borchardt, 12 P. O. Chambers, Pitt-street, Sydney.

Mine Manager: B. Ashenden.

Area: 26 acres.

Postal and Telegraphic Address: Gundagai.

* MOUNT DAMARA GOLD MINING CO. Cargo.

CARGO DIVISION.

The proprietors of this mine are reported to have bought a large quantity of machinery for the purpose of sluicing and treating the mullock and stone which are laying around the old shafts since the time of the alluvial diggings.

MOUNT DURWARD SYNDICATE, Ltd.

Cargo.

CARGO DIVISION.

Registered Office: 40 Moorgate Court, London, E.C.

Nominal Capital: £36,000.

Called up : £12,000.

Dividends: Nil. Plant not yet completed.

Directors: The Right Hon. Lord Westbury, Captain John Orr Ewing,

Captain Clarence Arthur Osborne, Thomas Hewitt Myring.

Secretary: E. C. Myring.

Trustee: Harrie Wood, 8 Bligh Chambers, Bligh-street, Sydney.

Consulting Engineer: Alfred Argles, M.E.

Resident Manager: F. R. Farquhar.

Mine Manager: George Sutherland.

Development: Prospecting. Plant in course of erection.

Area: 65 acres (under lease).

Postal and Telegraphic Address: Cargo.

MOUNT KIMO GOLD MINE.

GUNDAGAI DIVISION.

Proprietors: The Camden Exploration Company, Ltd., Mutual Life Buildings, Martin Place, Sydney.

Development: Prospecting shafts, long main tunnel into mountain. Opening up by means of tunnel for future work.

Consulting Mining Engineer: John Howell.

Secretary: C. H. Hayward.

Mine Manager: Vacant.

Area: 64 acres 3 roods 53 perches.

Postal and Telegraphic Address of Mine: Gundagai.

MOUNT KIMO EXTENDED MINE.

Gundagai.

GUNDAGAI DIVISION.

Proprietors: N. Borchardt and others.

Manager: N. Borchardt, 12 Post-office Chambers, Pitt-street, Sydney.

Mine Manager: Mr. Grubb.

Area: 31 acres.

Postal and Telegraphic Address: Gundagai.

MOUNT KIMO, SOUTH MINE.

Gundagai.

GUNDAGAI DIVISION.

Proprietors: N. Borchardt and others.

Manager: N. Borchardt, 12 Post-office Chambers, Pitt-street, Sydney.

Area: 20 acres.

Postal and Telegraphic Address: Gundagai.

MOUNT PLEASANT GOLD MINE.

Coolac.

GUNDAGAI DIVISION.

Proprietors: N. Borchardt and others, 12 Post Office Chambers, Pitt-street, Sydney.

Manager: William M'Gregor.

Development: This mine is being worked by a tunnel. Present distance driven 558ft., at which point first reef struck 2ft. wide, gold-bearing.

Yield: Same reef, near surface, averaged 11oz. per ton.

Area: 20 acres.

Postal and Telegraphic Address of Mine: Coolac.

MOUNTAIN VIEW MINE.

Carlisle.

FIFIELD DIVISION.

Proprietors: W. Chandler, A. H. Chandler, Geo. Morrow, Geo. Fish, A. H. Henrickson, C. Chandler, T. T. Fisher (Carlisle), and A. Harrison Neville.

Mine Manager: W. Chandler.

Development: One shaft 9ft. by 3ft. on an underlay of 45 degrees to 3ft. deep. Two shafts about 30ft. each.

Yields: 5 tons 11cwt. 3qrs. 6lb. treated at the Dapto Smelting Works returned 24oz. 2dwt. 9grs. gold.

Area: $7\frac{1}{2}$ acres.

Postal and Telegraphic Address: Carlisle, Fifield, via Trundle.

The mine was started during the present year, being worked by four men.

MOUSETRAP CLAIM.

WYALONG WEST DIVISION.

Proprietors: S. D. Jackson, A. Jackson, S. Jackson, E. Jackson, W. G. Lillas, H. Muan, Ada Ward, W. Emery.

Secretary: Francis T. Ward.

Development: Main shaft 6ft. by 3ft., 200ft. deep. Three levels 150ft., at 100ft., 150ft., and 200ft. Stoped to surface. Worked by horse and whip.

Area: Six men's ground; mining tenement.

Postal and Telegraphic Address: West Wyalong.

Reef composed of brown ironstone, oxidized to 150ft. water-level, then becomes highly mineralised. Lease about to be applied for and no liability company floated, taking in adjoining ground. This property will contain the underlie of two Currajong reefs, one at 250ft. deep and the other at 600ft. deep.

MULHALL AND PARTY.

(South of the Black Angel Lease, Mallee Bull Line).

WYALONG DIVISION.

Reported to have crushed at the end of November 7½ tons of rubble from abandoned claim for 50z. 15dwts. gold; arrangements pending to systematically work the lode.

NEW BUSHMAN'S HILL GOLD MINING CO., N. L. Parkes.

PARKES DIVISION.

Registered Office: 63 Pitt-street, Sydney.

Registered: 12th November, 1894.

Nominal Capital: £30,000 in 30,000 shares of £1 each.

Issued: £30,000.

Called up: £1 per share.

Dividends: £1,500.

Directors: Russell Barton (Chairman), Captain John Broomfield, R. Jackson, Sydney; V. J. Saddler, Melbourne.

Legal Manager: A. G. Robertson.

Mine Manager: John Warn.

Development: Four shafts. Main shaft 500ft. vertical, two hauling compartments, double-cylinder winding plant, one steam winch below cap, two patent safety cages at main shaft, 20-head battery (9cwt. stamps), two steel boilers, each 40 H.P., rock breaker, surface lit by electric light, and complete cyanide plant, treating 250 tons per week.

Area: 49 acres lease, 3 acres mining permit.

Postal and Telegraphic Address of Mine: Parkes.

Reef runs east and west, underlay north, the strike 40deg. north. Sinking main shaft 100ft. vertical, and two winzes, 150ft. underlay from 550ft. level. Underlay measurement: Reef opened up, 1,100ft. in length on the course of the reef.

NEW EMU GOLD MINING CO., Ltd.

Gundagai.

GUNDAGAI DIVISION.

Registered Office: 12 O'Connell-street, Sydney.

Registered: 6th July, 1897.

Capital: £5,000 in 5,000 shares of £1 each.

Issued: £1,123, in 1,123 shares of £1.

Called up : £1,004.

Directors: S. L. Bensusan (Chairman), 12 O'Connell-street, Sydney; J. J. Cramp, "Ithaca," Grafton-street, Woollahra; Edward Reading, 197 Elizabeth-street, Sydney: J. Malbon Thompson, 63 Pitt-street, Sydney.

Secretary: Darrell A. Bensusan.

Mine Manager: W. G. Collings.

Development: No. 1 shaft, 800ft.; drive north 80ft.; at that level cross-cut west 16ft. No. 2 shaft, 215ft.; drive south 45ft., north 20ft. back; stopes started both north and south. Trial crushing gave a little over 10z. per ton.

Area: 20 acres.

Postal and Telegraphic Address of Mine: Emu Reef, Gundagai.

The company has taken up, and is working the Emu Reef on the heights above Jones Creek, in the parish of North Gundagai, county of Clarendon. It was worked about 1870 in block claims, until stopped by water.

* NIL DESPERANDUM CLAIM.

(Mousetrap Line of Reef).

WYALONG WEST DIVISION.

* NORTH AND BRIERLY.

WYALONG WEST DIVISION.

No. 1 CLAIM.

WYALONG DIVISION.

Proprietors: Neeld and Sons.

Yields: 1894 and 1895, battery treatment, 1,223 tons for 1,321oz.; chlorination, 130 tons for 649oz.; total, 1,353 tons for 1,970oz., 1896, battery treatment, 446 tons for 717oz.; chlorination, 212 tons for 1,181oz.; total, 658 tons for 1898oz.

Area: 960ft. by 400ft.

Postal and Telegraphic Address: Wyalong.

Owing to the absence of the senior partner of this firm in England we have been unable to obtain the returns for the present year, during which period all the ore has been treated by chlorination.

* O'CONNELL AND PARTY. (North of Doyle's) Pine Ridge. WYALONG DIVISION.

* O'DWYER AND PARTY. Gundagai.

GUNDAGAI DIVISION.

OLD BUSHMAN'S DAUGHTER, QUARTZ REEF. Gundagal.

GUNDAGAI DIVISION.

Proprietors: Dodd, McDonald, and party.

Yields: By present holders, five small trial crushings of four separate lode formations, yielding from 6dwts. to 15dwts. per ton.

. Area: 10 acres.

Postal and Telegraphic Address: Gundagai.

Twenty-five years ago 1,180oz. of gold was taken from 500 tons of quartz in the prospecting claim, Old Bushman's Daughter Reef. What is known as O'Dwyer's state formation also runs through the same lease, and is 20ft. wide between granite walls, trial crushings from which gave a yield of 10dwts. per ton. Capital required.

OPERATOR CLAIM.

WYALONG DIVISION.

Proprietors: Foster and McDonald.

Yields: A crushing of 9 tons was reported to have yielded 13½oz. in the

middle of November.

ORIENTAL GOLD MINING CO.

Grenfell.

GRENFELL DIVISION.

Proprietor: Ernest Breverns.

Plant: Battery and quartz crushing plant.

Postal and Telegraphic Address: Grenfell.

THE PANACEA PLATINUM MINE.

Platina.

FIFIELD DIVISION.

Proprietors: H. J. Prior, J. B. Prior, Percy Prior, and B. T. Prior.

Manager: H. J. Prior.

Development: No. 1 shaft, depth 55ft. This shaft is 35ft. from the western edge of the lead, and driven 52ft. east. The wash dirt was taken out in a face 20ft. wide for a distance of 75ft. south-west, and leaving an auriferous face on the east to be worked later on. No. 2 shaft, 53ft. deep; faced out 20ft. wide in the north-east to meet the workings in No. 1 shaft, and another face has been worked 40ft. wide, 30ft. west. No. 3 shaft is now being sunk, and expect to bottom on good platinum. This shaft is about 100ft. east of No. 2 shaft, and is about the centre of the lead.

Yields: 137 loads of wash dirt have been passed through the mill from this mine for a return of 18oz. 12dwts. of gold, and 71oz. of platinum, giving a money value of £183 9s. 7d. Wash at grass estimated to yield 1oz. per load.

Postal and Telegraphic Address: Platina, via Trundle.

As will he seen, very little work has as yet been done in this mine, and it is estimated that it will prove payable from peg to peg. The payable wash dirt is from 4in. to 10in., and lies on a soft slate bottom. The ground is dry, and easily worked, and requires no timber except the ordinary alluvial prop and cap.

THE PARKES GOLD MINING AND QUARTZ CRUSHING CO., N. L.

Parkes.

PARKES DIVISION.

Registered Office: 6 and 7 Union Chambers, 70 Pitt-street, Sydney.

Registered: 18th March, 1897.

Nominal Capital: £12,500 in 50,000 shares of 5s. each; 30,000 contributing, and 20,000 fully paid.

Called up: 1s. 6d. per share.

Directors: J. W Duesbury, Lewisham; W. Drake, Marrickville; L. Smith, North Sydney; G. R. Cadell, Newtown; J. W. Johnston, 746 Georgestreet, Sydney.

Legal Manager: Jas. C. Hutchison.

Mine Manager: W. J. Perry.

Development: A main shaft has been sunk 128ft., from which a drive has been put in 10ft. to cut reef. Expect to cut reef in another 12ft. The lode has been proved by 4 shafts along the line of reef, and about 1,000 tons have been crushed by the original holders, the stone going as high as 5oz. to the ton. The reef averages 2ft.

Area: 14 acres.

Postal and Telegraphic Address of Mine: Parkes.

This mine has yielded some very rich stone, and will average about loz. The main shaft is being sunk on the new ground purchased by the company.

This will give the company 130ft. of backs, and from this shaft they will be able to connect with the old workings. The 15,000 shares in reserve should give sufficient capital to purchase a battery, and as there is a splendid tank full of water the company would appear to be in a first-class position.

THE PATRON MINE.

WYALONG DIVISION.

Yields: Crushed during week ending Oct. 23rd, 1897, 18 tons for a yield of 13½oz. of gold.

PAYNE AND PARTY.

Platina.

FIFIELD DIVISION.

Yields: Latest washing up 15 loads for 1oz. 10dwts. 4gr. gold; and 8oz 18dwts platinum.

Postal and Telegraphic Address: Platina, Dandaloo.

PEPPER AND FINN.

Platina.

FIFIELD DIVISION.

Development: Two puddling machines half-mile from the mine. A surface claim worked from the grass to the bottom, a depth of about 6ft.

Yields: Average about two shillings per load. Four men can wash 200 loads in five days.

Postal and Telegraphic Address: Platina, via Trundle.

• PERSEYERANCE CLAIM.

West Wyalong.

WYALONG WEST DIVISION.

Manager: John Goggin.

Development: New shaft 195ft., which is about 35ft. below the water level; 16 H.P. engine, 25 H.P. boiler steam winding winch, etc.

Yields: One ton of stone from this claim yielded 32oz. in December, 1896 Last crushing reported of 104 tons yielded (including concentrates and tailings), 6 oz. per ton.

The claim has paid since its inception.

* PERSEYERANCE MINE.

Junee.

JUNEE DIVISION.

PHŒNIX CLAIM.

Condobolin.

CONDOBOLIN DIVISION,

Proprietors: J. Holmes, W. Sheppard, T. Knowles, J. McLean, Condobolin.

Manager: J. Holmes.

Development: Main shaft, 100ft. deep; drives 25ft. north, 25ft. south, 30ft. west; also, several trenches along line of reef. Average thickness of reef, 2ft. 6in. Nearest battery at Cugong, about 85 miles distant.

Yields: Only had 16 tons of ore crushed, with an average result of \frac{1}{2}oz. per ton.

Area: Prospecting protection area.

Postal and Telegraphic Address: Thos. Knowles, storekeeper, Condobolin.

The property is believed to be a very good one, judging by the prospects that can be got from along the line of reef. It has also been very favorably reported upon by both the Rev. Father Curran and Mr. Chief Inspector Slee. There is a very promising lead and silver lead in the ground, which has not yet been tested. [Mr. W. H. J. Slee, in the annual report (1896) of Department of Mines, says: "This claim is probably the best near Condobolin, and only requires a thorough system to be classed as a payable mine."]

* PHŒNIX (late Hazelhurst) MINE.

Parkes.

PARKES DIVISION.

A further tribute is reported to have been let (October) for three years. The party will start driving at 400ft. level.

PICINNIE GOLD MINE.

Yalgogrin.

KALGOGRIN DIVISION.

Proprietors: Silas Morris, Richard Waldron, P. O'Neill, R. Lindsey, Wyalong.

Manager: F. Bermstim.

Development: Depth 110ft., size of reef from 18in. to 2ft. 6in., underlying south in granite country. Worked by horse power.

Yields: First trial crushing of 75 tons, treated locally in 1896 for a yield of 2oz. per ton. In March 1897, 21tons at 5oz. per ton. In May, 24 tons crushed at Wyalong, for 10oz. 15dwts. 13grs. per ton. In October, 19½ tons for 171oz.; tailings realised £2 5s. per ton, and concentrates £20.

Area: 400ft. square.

Postal and Telegraphic Address: Yalgogrin.

The mineral lode is about 3ft. and underlying about 2 to 1; a main shaft is being sunk to cut this lode at 200ft. or 250ft.

PINNACLES GOLD MINE, Ltd.

Boyd.

FORBES DIVISION.

Registered Office: 63 and 64 New Broad-street, London, E.C.

Name of Mines: Pinnacles Reef and Croker's Reef.

Nominal Capital: £50,000 in £1 shares.

Issued: £46,750.

Amount called up: £46,750.

Attorney in N.S.W.: R. W. Hardie, 133 Pitt-street, Sydney.

Secretary: Ernest H. Sanders, 63 and 64 New Broad-street, London.

Consulting Engineer: Capt. James Dunstan, M.E.

Mine Manager: Alfred John Dunstan, M.E.

Development: Four shafts 200ft., 150ft., and two 90ft., levels driven 400ft.

winding and pumping machinery; 30 stamp mill complete.

Area: Pinnacle Reef, 54 acres. Croker's Reef, 15 acres.

Postal and Telegraphic Address of Mine: Boyd, via Forbes.

Entirely a London Company, registered on London Stock Exchange. Croker's Reef distant 1½ miles; no machinery, crushing done at main battery.

* PIONEER CLAIM.

(Christmas Gift Line of Reef.)

WYALONG DIVISION.

Proprietors: Keegan and party.

Development: Shaft 200ft.

Yields: Trial crushings in this mine yielded 1oz. 19dwts. per ton. A crushing of 7 tons was reported 1st November, for 11oz.; and another of one ton on the 20th. for 4oz. 11dwts. At the depth attained the quartz was highly mineralized.

* PIONEER MINE.

Eurongilly.

JUNEE DIVISION.

THE PIONEER GOLD MINE.

Reefton.

REEFTON DIVISION.

Proprietors: S. Lander, H. Storm, W. Ely, B. Stuart, J. Price, G. Allpress,

Reefton; May and East, J. Newson, Temora.

Manager: Managed by the proprietors.

Mine Manager: Henry Leo.

Development: No. 1 shaft, 215ft.; No. 2 shaft, 150ft. No machinery.

Yields: Crushed, 815 tons stone, yielding 1,480oz. gold, valued at £5,846.

Area: 3 acres 1 rood 27 perches.

Postal and Telegraphic Address: Reefton.

POOLEY AND PARTY.

WYALONG DIVISION.

Yields: A crushing was reported on the 22nd November of 14 tons for 31 loz.

PRINCE GEORGE GOLD MINE.

Gundagai.

GUNDAGAI DIVISION.

Proprietors: N. Borchardt and others, 12 Post Office Chambers, Pitt-street, Sydney.

Mine Manager: D. Mosley.

Development: No. 1 shaft, 80ft., with drive at 30ft. level 128ft.; No. 2 drive 60ft. level 198ft. No. 2 shaft, present depth 140ft.; driving now being started.

Area: 25 acres.

Postal and Telegraphic Address of Mine: Gundagai.

This mine is being worked to cut the Prince of Wales' Reefs in the underlay.

PRINCE OF WALES' MINE.

WYALONG WEST DIVISION.

Proprietors and General Managers: The United Australian Exploration, Ltd Equitable Buildings, George-street, Sydney.

Mine Manager: F. Gunther.

Development: No. 1 shaft 200ft. deep; No. 2 shaft 280ft. deep. Both shafts provided with steam winding engines. Sinking and driving being proceeded with.

Area: 86 acres.

Postal and Telegraphic Address of Mine: West Wyalong.

PRINCESS GOLD MINING CO., N. L.

WYALONG WEST DIVISION.

Registered Office: 681 Pitt-street, Sydney.

Mines: The Princess Mine, The Queen Mine.

Registered: 5th May, 1897.

Nominal Capital: £20,000 in 40,000 shares of 10s. each.

Issued: 30,000 shares paid up to 5s. 9d. each.

Dividends: None. Prospecting work not yet completed.

Directors: Alfred Bowden, Enmore; William O'Neil, Newtown; George

L. Walters, Leichhardt.

Legal Manager: Samuel MacDonnell, 681 Pitt-street, Sydney.

Mine Manager: William Knight.

Development: Shaft 225ft. vertical and 100ft. on underlay on Princess Mine,

where a steam winding plant is in course of erection. Shaft 100ft.

vertical on Queen's Mine.

Area: 16 acres.

Postal and Telegraphic Address: West Wyalong.

To July 1897 in developing the Princess mine 272 tons of ore was produced, the yield from which was 524oz. gold, valued at £1,977 9s. 10d. The tribute agreement having expired at the end of September 1897, the original shareholders determined to procure machinery capable of systematically working the mine, rich mineral shoots having been discovered in the lower levels.

PROSPECTING CLAIM.

Pine Ridge.

WYALONG DIVISION.

Proprietors: Leathley and party, Wyalong.

Development: Depth of deepest shaft, 85ft.

Yields: 19 tons for 19oz. 6dwts. 5grs.; 15 tons for 17oz.; 18 tons for 12oz.

5dwts. 22grs.; 13 tons for 10oz. 5dwts.

Area: 5 men's ground.

Postal and Telegraphic Address: Wyalong.

These crushings have been taken from the surface down to about 30ft. only.

PROSPECTING CLAIM.

Reefton.

REEFTON DIVISION.

Proprietors: Archibald Higgins, senr.; Arch. Higgins, junr.; Jas. Crowley Reefton; H. W. Lawson, Sydney.

Development: Five shafts, comprising 600ft. of sinking; stoped from 180ft to surface, 160ft. along the line of reef. One shaft 160ft., at which level the reef averages about 8in., and a chute of gold 80ft. long proved. Sinking a main working shaft to cut the reef at 250ft. October 12th down 150ft. and timbered.

Yields to date: 658 tons stone for 840oz. gold.

Area: 8 acres. Converted into a lease July, 1897.

Postal and Telegraphic Address: Reefton.

QUILTER'S CHROME MINE.

Coolac.

GUNDAGAI DIVISION.

Proprietors: J. J. Quilter and Co., Gobornalong, Coolac.

Manager: J. J. Quilter.

Mine Manager: J. J. Quilter.

Mine Manager: J. Fitzgerald.

Development: £1,000.

Yields: 8,000 tons.

Postal and Telegraphic Address: Gaborralong, Coolac.

RAILY AND FRASER.

Platina.

FIFIELD DIVISION.

Yields: Latest wash up, 15 loads for 10dwts. 12grs. gold and 12oz. 13dwts. 18grs. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

* READY MONEY CLAIM.

WYALONG DIVISION.

Development: Shaft, 210ft.

* RIMMER AND PARTY. (West of the Jubilee), Pine Ridge. WYALONG DIVISION.

* ROBINSON AND RICE.

Mount Kimo.

GUNDAGAI DIVISION.

Yields: Extraordinarily rich specimens have been found in this claim, but the quantity of ore raised has not been large.

ROCKDALE GOLD MINE.

JUNEE DIVISION.

Proprietors: Henry John Baker. John S. Anderson, Henry T. Baker, James Petersen (Junee Reefs, via Junee).

Mine Manager: Henry John Baker.

Development: The mine is worked by the ordinary hand-power, windlasses, &c. No crushing machinery on the ground. Five shafts have been sunk on the lode, I at the north end (30ft, deep), 3 in the central portion of the property (90ft., 48ft., and 40ft. respectively), and at the south end 35ft. deep. No. 2 shaft has been connected with No. 3 shaft by a drive at the 45ft. level. Altogether about 100 tons of ore have been raised in sinking the various shafts, of which 50 tons approximately is estimated to yield from 2 to 3oz. A portion at grass awaiting treatment. No stoping whatever has been done, operations at present being confined to the sinking of the main shaft now down 90ft

Yields: Previous to 1897, 22 tons yielded 1oz. per ton. In 1897, 12 tons of lode stuff yielded 1oz. approx. per ton, 10 tons ore loz. per ton, the tailings from which assayed at the rate of 23dwts. per ton. 6 tons of ore yielded 8oz. (approx.) per ton. Samples taken from the reef indiscriminately and forwarded to Sydney, Footscray, and Ballarat for assay have yielded from 2 to 5oz., and even as high as 35oz. gold per ton.

Area: 15 acres granted 18th October, 1896, for a term of fifteen years.

Postal and Telegraphic Address: Junee Reefs, via Junee.

The five shafts sunk on the lode prove the existence of the lode throughout the whole length of the property, a distance of over 20 chains, or more than 1,820ft. The bulk of ore consists of auriferous quartz, and gossan, and the reef varies from 1 to 4ft. in thickness averaging 2ft. in the main shaft. At 70ft. a bank of green and blue carbonate of copper ore was struck which continued downwards 10ft. when honeycombed ferruginous quartz impregnated with sulphur and carrying splendid gold was again met with.

The property is being offered for sale, as the present proprietors have not the necessary capital to develop it effectively and profitably.

* JOHN RODGERS AND PARTY.

Yalgogrin.

YALGOGRIN DIVISION.

Postal and Telegraphic Address: Yalgogrin.

* ROSE OF ENGLAND CLAIM.

(Currajong Line of Reef).

WYALONG WEST DIVISION.

Yields: A crushing of 9 tons was reported in the middle of November for 7oz. 12dwts. 6grs.

ROYAL ALBERT GOLD MINE.

Gundagai.

GUNDAGAI DIVISION.

Proprietors: W. Dance, J. Bright, T. Searle, Stony Creek, via Gundagai.

Mine Manager: J. Bright.

Development: No, 1 shaft, 60ft.; No. 2 shaft, 90ft.; open cut, 25ft. No drives or machinery.

Yield: 114 tons for 76oz.

Area: 5 acres.

Postal and Telegraphic Address: Gundagai,

There is a 6-head battery close to the mine.

* RYE BUCK CLAIM.

(Currajong Line of Reef).

WYALONG WEST DIVISION.

Proprietors: Cooper and party.

+ SANTA CLAUS CLAIM.

WYALONG DIVISION.

Proprietors: Nelson and party.

Yields: A crushing of 32 tons for a yield of 26oz. was reported on 1st No-

vember.

SCHOTT AND PARTY.

(No. 2, north of Stanley's.

WYALONG DIVISION.

Yields: West's battery cleaned up 8 tons for 8½ozs. gold at the end of September.

SELBY AND PARTY (Platinum).

Platina.

FIFIELD DIVISION.

Yields: Latest washing up 14 loads for loz. 5dwts. 18grs. gold, and 5oz. 14dwts. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

SHAMROCK AND THISTLE GOLD MINING CO.

WYALONG WEST DIVISION.

Secretary: W. H. Gimson, West Wyalong.

Mine Manager: Wm. Conway.

Development: Winding plant shaft 250ft. in hard granite country. Rich ore is being raised, stoping still being carried on at the upper levels, and the shaft is to be put down another 100ft.; water is very heavy.

Yields: September, crushed at Neeld's Works, one ton for 21oz. (firsts), and 20 tons (seconds) for 105oz. 1 ton special (at Climo's works) in August, went about 35oz.; and later 54 tons of thirds at Nicholas and Reymond's went 14dwts. Tailings assayed 17dwts., and about 30 tons sold at 25s. per ton.

Area: 6 men's ground, about 3 acres. Leases East 7 acres.

140 tons firsts at grass which will average not less than 15oz. to the ton; 60 tons seconds raised expected to average 6oz. all through. The mine is situated south of all other mines on the field, except contiguous ones. [30 tons of stone from this mine treated at Sully's chlorination works, during the first week in November, gave the magnificient return of 321oz. 13dwts.; the previous lot of 30 tons having yielded 292oz. 10dwts., making a total of 614oz. 3dwts., from 62 tons. A parcel of 30 tons of similar ore is now in course of treatment. This rich material came from the deepest workings in the mine, which has been a consistent producer from the surface downwards.]

SMITHERS AND PARTY.

Platina.

FIFIELD DIVISION.

Yields: Latest washing up, 12 loads for 11dwts. gold and 8oz. 1dwt. 20grs. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

SMITHERS AND WILCOX.

Platina.

FIFIELD DIVISION.

Yields: Latest washing up, 7 loads for 14dwts. 4grs. gold, and 3oz. 11dwts. 12grs. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo

SOUTHERN CROSS GOLD MINE.

Yalgogrin.

YALGOGRIN DIVISION.

Proprietors: Bannan, Daplyn & Co.

Development: 4 shafts, 30ft. to 100ft.; 250ft. drives and tunnelling; granite and slate country, highly mineralised; reef varies from 6in. to 3ft. in width. Government assay returned 68oz. 14dwts. per ton. North and south reef. About £800 expended.

Yields: Four small crushings, about 100 tons in all, yielded 1oz. free gold per ton by imperfect battery treatment.

Area: Lease, 5 acres.

Postal and Telegraphic Address: Yalgogrin.

The stone being so highly mineralised, ordinary treatment does not save the gold, which requires special treatment by chlorination.

* STANLEY'S BLOW CLAIM.

WYALONG DIVISION.

STAR OF THE EAST MINE.

WYALONG WEST DIVISION.

Proprietors: K. Lawlor (2), James Lawlor (2), D. Hartigan, J. B. Holmes, J. Muir, A. Duncan.

Mine Manager: James Lawlor.

Development: 3 shafts 150ft., in one of which a payable reef 18in. in width has been cut.

Area: 4 acres 2 roods.

Postal and Telegraphic Address: West Wyalong.

Situated north of, and adjoining the New South Wales (late Klink's), which has paid about £25,000 in dividends. Klink's reef is believed to traverse the Star of the East property.

* STAR OF PEACE CLAIM.

WYALONG DIVISION.

Proprietors: Conway and party.

Yields: Satisfactory crushings have been taken from this claim.

STEVENSON AND PARTY.

Yalgogrin.

YALGOGRIN DIVISION.

Development: Shaft 100ft., reef 6in. to 10in.

Yields: About 5oz. 15dwts. per ton.

Postal and Telegraphic Address: Yalgogrin.

* GEORGE STIFF AND PARTY

Native Bear Flat.

GRENFELL DIVISION.

Yields: This party received Government aid in 1896 to prospect this alluvial flat, about six miles from Grenfell, and struck a run of wash 11ft. thick, yielding a little over 4dwt. of gold per load.

* SHELLY AND PARTY.

Waldron's Paddock.

YALGOGRIN DIVISION.

Development: Shaft 100ft., reef runs from 1ft. to 2ft. wide of sugary quartz, showing gold freely. Stoping is being carried on at the 90ft. level on a reef similar to that of the Birthday (adjoining).

Yields: In October, 80 to 100 tons of stone at grass estimated to yield 4oz. to 6oz. per ton.

Postal and Telegraphic Address: Yalgogrin.

* SPECIMEN HILL CLAIM.

Specimen Hill.

JUNEE DIVISION.

SULLIVAN AND PARTY (Platinum).

Platina.

FIFIELD DIVISION.

Yields: Latest washings up, 9 loads for 10dwts. gold and 3oz. 8dwts. 16grs. platinum; and (23rd November) 9 loads for 11dwts. gold and 2oz. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

SWASLAND AND PARTY, No. 2 CLAIM (Platinum). Platina.

FIFIELD DIVISION.

Yields: Latest washings up, 27 loads for 3oz. 5dwts. 6grs. gold, and 14oz. 12dwts. 6grs. platinum; and (23rd November) 26 loads for 2oz. 7dwts. 16grs. gold, and 10oz. 8dwts. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

* TEMORA DEEP LEAD GOLD MINING CO., N. L.

Temora.

TEMORA DIVISION.

Directors: C. E. de Boos, Jas. Thom, Geo. T. East, W. J. Stout, C. Broadley, J. H. Trefie, A. L. Deutscher (*Managing*).

Legal Manager: Frank de Boos.

The Company was formed on the 18th November. Operations will commence forthwith.

* THOMPSON, W.

Yalgogrin.

YALGOGRIN DIVISION.

Yields: A large formation some distance from Shelly's, 30ft. wide of highly-mineralised stone, reported to assay well.

Area: 16 acres, lease.

Post and Telegraphic Address: Yalgogrin.

TILDEN'S PROPRIETARY GOLD MINING CO., N. L. Cullinga.

COOTAMUNDRA DIVISION.

Registered Office: Victoria Chambers, Elizabeth-street, Sydney.

Date of Registration: 17th May, 1893.

Nominal Capital: £72,000, in 72,000 shares of £1 each, of which 60,000 are issued fully paid up, and 12,000 contributing to the extent of 2s. 6d. each (issued paid up to 17s. 6d.), now paid up to 18s. 6d.

Dividends to date: £900.

Directors: James Curtin, Market-street, Sydney; Alexander Hutchison Clarendon-road, Petersham; John O'Brien, Elizabeth-street, Sydney.

Legal Manager: S. W. Moore.

Mine Manager: Not working at present.

Development: Main shaft 165ft. Quantity of ore obtained, nearly 3,000 tons. 10 head battery with engine and boiler, and all connections &c., &c.

Area: 40 acres, freehold.

Postal and Telegraphic of Mine: Postal, Cullinga; Telegraphic, Wallend been.

TILDON AND WHEELER.

Platina.

FIFIELD DIVISION.

Yields: Latest washing up, 7 loads for 2oz. 8dwts. gold and 6oz platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

TRUE BLUE MINE.

WYALONG WEST DIVISION.

Proprietors: Kevin Lawler, Hastings Cunningham, near Young; Jas. Channon, Hornsby Junction; John Jones, Wyalong Station, No. 2; H. B. Christie, near Cooma; Jas. Cusack, Wyalong; D. Robinson, Barmedman Station.

Manager: Kevin Lawler.

Development: Worked to 160ft.; main engine shaft 12 x 4ft. in clear, timbered throughout, 269ft. deep. Crosscut 120ft. into west at 260ft. level. Expected to cut main in another 10 feet. Four known lines of reef traverse the property, two of which are payable. Plant, 12 H.P. winch, 16 H P. boiler of Horwood and Laws, Bendigo.

Yields: 4000 tons ore crushed for an average yield of loz. 2dwt 16grs. per ton; tailings and concentrates, about 900 tons, containing gross 9dwt. per ton to loz. 11dwt. 16grs. per ton. Crushed 195 tons for 126oz., week ending Nov. 18. The concentrates and tailings are expected to bring the return up to loz. per ton.

Area: 16 acres leasehold.

Postal and Telegraphic Address: West Wyslong.

TURN O' THE TIDE MINE.

GUNDAGAI DIVISION.

Proprietors: W. A. Roberts and J. J. Cornett, Gundagai.

Manager: W. A. Roberts.

Development: Three shafts along the line of reef from which the undermentioned crushings were taken. Depths 85ft., 35ft., 95ft.; driven 70ft. at the 80ft. level. Same class of stone under foot the whole length of drive and in bottom of shaft. No plant. There is also a very large dyke formation carrying sulphide ore, estimated to go 10 dwts. to ton.

Yields: January, 1897, 4 tons 15cwt. for 32oz. 1dwt.; February 15, 11 tons 7cwt. 2qr. for 146oz. 17dwts; March 17, 21 tons for 86oz. 9dwts.; April 10, 6 tons 8cwt. 2qr. for 28oz. 8dwts.; May 8, 6 tons 2cwt. for 71oz. 12dwt.; June 14, 9 tons 2cwt. for 77oz. 15dwt.; July 10, 9 tons 12cwt. 3qr. for 63oz. 19dwts.; August 11, 9 tons 6cwt. 2qr. for 107oz. gold. Total 77 tons 14cwt. 1qr. for 609 oz. 1dwt. gold.

Postal and Telegraphic Addres: Gundagai.

This property was discovered by Mr. W. A. Roberts in December, 1896. It is a contract vein in slate and porphyry. Strike of vein 10 degrees west of north, with very slight underlay to west; vein varies in width from 20 inches to 3 inches. 10 tons of stone at grass estimated to go at least 10oz (free gold.) The above returns of crushings represent only the free gold obtained at Messrs. Wilson and Ritchie's battery at Adelong. The concentrates, the minerals in which carry a high percentage of gold, have been saved but not treated yet.

[A crushing of 9 tons 3cwt. in the second week in December yielded 72oz. gold.]

THE TWIN'S CLAIM.

WYALONG WEST DIVISION.

Proprietors: Paul Zipser, Maggie Zipser, John Battman, John Olsen.

Manager: The Proprietors generally.

Development: Eight shafts have been sunk on the claim. No. 1, 2, 3, 4, 5, and 6, to a depth from 80ft. to 100ft. No. 7 to a depth of 110ft. No. 8 to a depth of 150ft. Levels driven at the various sections. No machinery of any importance.

Yields: Since April, 1896, 60 tons stone have been raised for 55oz. 2dwts. gold. The crushing went from 8dwts to 25dwts.

Area: 240ft. by 400ft. (four men's ground).

Postal and Telegraphic Address: West Wyalong.

There are two different lines of reef in this claim, one being the continuation of the so-called Currajong line of reef, and the other of the White Reef line of reef. The formation shows not more than 5 in. in width.

* Union Gold Mining Co., N. L.

WYALONG DIVISION.

Registered Office: 105 Regent-street, Redfern, Sydney.

Registered: July, 1896.

Capital: £8,000.

Legal Manager: J. Ellis.

WALLET'S REEF MINE.

Junee Reefs.

JUNEE DIVISION.

Proprietors: Frederick Samuelson, John Handcock. Maurice Roach.

Mine Manager: F. Samuelson.

Development: No plant; several shafts various depths up to 200ft.

Yields; 31 tons, 17oz. 16dwts.; 181 tons, 9oz. 6dwts.; 101 tons, 10oz.

10dwts.; 7 tons, 6oz. 2dwts.; 23 tons, 11oz. 6dwts.

Area: 8 acres.

Postal Address: Junee Reefs; Telegraphic: Junee Junction.

VICTORIA GOLD MINING CO., N. L.

Springdale.

TEMORA DIVISION.

Registered Office: 375 Collins-street, Melbourne.

Registered: 18th August, 1896.

Nominal Capital: £30,000, in 30,000 shares of £1

Issued: 28,685 shares.

Amount called up: 10s. per share.

Dividends: 1s. per share, (two of 6d. each).

Directors: R. W. Turner, E. J. Eagerty, C. W. Renard, C. Templeton, Mel

bourne; W. Henderson, Combaning, N.S.W.

Legal Manager: R. A. Ferguson.

Mine Manager: Hugh Fulton,

Development: Winding plant, battery, &c.

Area: 18 acres.

Postal and Telegraphie Address of Mine: Springdale, near Temora.

THE YICTORIA GOLD MINING CO., N. L.

WYALONG WEST DIVISION.

Registered Office: West Wyalong.

Registered: October, 1894.

Nominal Capital: £10,000, in 10,000 shares of £1 each.

Issued: As paid up to 10s. per share:

Directors: James Hayes (Chairman), Melbourne; C Maurice Johns, Un garie: John Wolfmüler, West Wyalong; William Jane, Clunes.

Legal Manager: Thomas Rouse, West Wyalong.

Development: Main shaft, present depth 180ft.; stopes above 130ft. mostly worked out, at present opening up new level at 180ft, on a good 9in reef.

Area: 4 acres.

Postal and Telegraphic Address: West Wyalong.

At present let on tribute.

* WALTERS AND PARTY.

Mount Kimo.

GUNDAGAI DIVISION.

WARATAH CLAIM.

WYALONG DIVISION.

Proprietors: J. M. Cusack, Wyalong; Wm. M'Cawley, Temora; John M'Gregor, Morangorell; M. Cusack, Barmedman; Benjamin Hilder, Wyalong; and A. Hart, Wyalong.

Manager: J. M. Cusack.

Mine Manager: P. J. Lynch.

Development: Four shafts, deepest 200ft. Total sinking amounts to 370ft., lease granted December, 1896. There is a level right through the mine at 160ft. a distance of 800ft., and stone from boundary to boundary.

Yield: 250 tons for 832oz. gold. 100 tons at grass expected to yield 5oz. to the ton. No machinery of any importance is connected with the mine.

Area: 3 acres.

Postal and Telegraphic Address: Wyalong.

[On the 1st November a crushing of 30 tons was announced for a yield of 120oz., and a further crushing on the 30th of 13 tons for 23oz.]

* WATERSON AND PARTY. - Carlisle.

CONDOBOLIN DIVISION.

Yields: 6 tons 6 cwts.; ore was sent to Illawarra Smelting Works for treatment at the end of September.

* WEIR AND PARTY.

(Pioneer Line of Reef), Eurongilly.

JUNEE DIVISION.

Reported to be in the hands of Sydney capitalists.

WELCOME STRANGER LEASE.

WYALONG WEST DIVISION

Proprietor: David M'Cracken.

Manager: S. W. Dennis.

Development: Shaft 150ft. deep, 21ft. from south boundary; shaft 150ft., 200ft. from south boundary, and ladder shaft 60ft. deep. This block is stoped out to a distance of 270ft. from south boundary; length of lower level, 300ft.

Yields: From June 29th, 1894, to December 22nd, 1896, stone raised 1,178 tons for a yield of 4,860oz. gold. Sand or tailings have been sold for about £1,000.

Area: 8 acres 1 rood 14 perches.

Postal and Telegraphic Address: West Wyalong.

WHITE REEF GOLD MINING CO., N. L.

WYALONG WEST DIVISION.

Registered Office: Main-street, West Wyalong.

Registered: 11th May, 1895.

Nominal Capital: £20,000, in £1 shares.

Issued: 20,000 shares.

Called up: £15,000 (10,000 shares paid-up to £1, and 10,000 shares paid-up to 10s.) No calls have been made since the Company was formed.

Dividends: £6,400.

Directors: Francis Earle Welby, J.P., West Wyalong; James Joseph McDonnell, Paul Foster, Richard Hawkins, Wyalong; William Thomas Maddison, Quandong Park, West Wyalong.

Legal Manager: Charles Edward McMahon, West Wyalong.

Mine Manager: Hugh McElvogue.

Development: The mine has been worked to a depth of 220ft., and the main shaft is now being sunk a further depth of 100ft.

Area: 51 acres.

Postal and Telegraphic Address: West Wyalong.

Since June, 1894, 2,651 tons of stone has been crushed for a yield of 4,250oz. 11dwt. of gold, exclusive of the yield for concentrates and tailings.

J. WILCOX AND PARTY (Platinum).

Platina.

FIFIELD DIVISION.

Yields: Latest washings up, 10 loads for 14dwt. 18gr. gold, and 2oz. 11dwt. 18gr. platinum; and (23rd November) 7 loads for 16dwt. 4gr. gold, 8oz. 6dwt. 20gr. platinum.

Postal and Telegraphic Address: Platina, via Dandaloo.

WILSON'S HILL GOLD MINE. Weddin.

GRENFELL DIVISION.

Proprietors: H. A. Clapeggouli and others, Sydney.

Development: There are several shafts on the property, the deepest being about 45ft. Several bodies of stone averaging about 18in. have been worked.

Yields: Crushing of about 60 to 70 tons gave about ½oz. to the ton with quite as much in the tailings.

Area: 5 acres.

Postal and Telegraphic Address: Weddin.

The mine is idle at present.

THE WYALONG GOLD MINING CO., Ltd.

WYALONG DIVISION.

Registered Office: 12 O'Connell-street, Sydney.

Mine: Red Flag.

Capital: £10,000 in 10,000 shares of 20s. each fully paid.

Directors: E. B. Henning, A. W. Tooth, W. H. Vivian.

Secretary: Darrell A. Bensusan.

Development: Let on tribute. Tributors raising stone from new shaft. In September, 14 tons were treated for 8oz. at Nicholas and Reymond's battery.

Postal and Telegraphic Address of Mine: Wyalong.

* YAHOO CLAIM.

WYALONG DIVISION.

A big blow of quartz two miles north of Wyalong.

YORKSHIRE LASS CLAIM.

WYALONG DIVISION.

Proprietors: A. A. Hart, C. A. Munnings (Wyalong); G. Shipton, T. Rider S. Ashton, J. Harris, F. Davey (Wyalong West).

Manager: Arthur A. Hart.

Mine Manager: Joseph Harris.

Development: Four shafts 100ft., 160ft., 150ft., 175ft.; total 585ft; driving levels at 160ft; working, whip horse, bailing water.

Yields for this year: 150 tons yielding 195oz. through common battery treatment; 20 tons at grass estimated 2oz. per ton.

Area: Six men's ground.

Postal and Telegraph Address: Wyalong.

It is intended to sink a main shaft 9ft. by 3ft.; three reefs in the property all improving at water level; six men working.

• YOUNG BUSHMAN GOLD MINE AND QUARTZ CRUSHING CO. Goobang.

PARKES DIVISION.

YOUNG O'BRIEN'S GOLD MINE.

Grenfell.

GRENFELL DIVISION.

Proprietors: H. Fitch, for a syndicate of sixteen shareholders, Cowra Creek, Grenfell.

Manager: H. Fitch.

Mine Manager: James Fitch.

Development: Two shafts 200ft., and working shaft 270ft., timbered and divided into two compartments, each 4ft. by 4ft.

Yields to date: From July, 1893, to date crushed 2,135 tons 13cwt., yield 1,485oz. 17grs. gold, net value £5,980 12s. 8d.; calls to date, £52 16s. 6d.; dividends, £102 10s. per share.

Area: 4 acres.

Postal and Telegraphic Address: Cowra-road, Grenfell.

An unbroken lode averages 4ft. wide, length 200ft. From this level the shaft has been sunk a further depth of 70ft. through stone carrying gold valued at about 5½dwts per ton; a drive from this level extending south about 11ft. with stone of a much improved quality showing gold freely.



Mudgee Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned.)

Gulgong produced payable gold as far back as thirty years, and since its discovery upwards of thirty tons of the precious metal has been obtained from its gravels. In one instance £1200 worth of gold was washed from a dish of dirt. The principal rich leads at one time maintained a population of 25,000, which has now dwindled down to 1200. Latterly, however, there has been a steady influx of practical men, intent on thoroughly overhauling the ground, and the increase of 3000 ez. of gold produced in 1896 over the production of the previous year speaks for itself. When, however, it is considered that the depth proved of present known reefs is only about 200ft., and that the reefs occur on the original surface—100ft. below the present surface, it must be concluded that the ground has only been scratched, and until a depth of from 300ft. to 500ft. has been attained these reefs cannot be said to have been properly prospected. Competent authorities hold that Gulgong presents an excellent opening for prospectors and investors

In the PEAK HILL DIVISION the mines are being steadily developed, The want of water, however, has been a great drawback to crushing. Additional machinery was introduced last year for the more efficient treatment of the ore. Following are the returns of a few of the principal mines:—

Peak Hill Proprietary 50,000 tons raised and crushed Wythes and Mooney 3,585 tons 1,629oz.

Great Eastern Reformed 8,185 ,, 5,981 ,,

Windever Gold Field is situated 30 miles west of Mudgee, and within six miles of Hargraves. The country for miles is auriferous, being a net work of reefs all more or less gold bearing. The country rock is slate and diorite. Reefing, though yet in its infancy, is largely on the increase.

Years ago, however, the neighbourhood was very rich in alluvial. The beds and banks of the Meroo River, Campbell's Creek, Long Creek, and Clarke's Creek yielded large quantities of gold, and formerly the place supported 15,000 to 20,000 people. Even now considerable and remunerative fossicking is done by the Chinese. The recent developments in reefing, however, have created great expectations. Two properties, at least, have been under the inspection and consideration of foreign capitalists, and offers which might reasonably be considered handsome, refused. There can be no doubt but that within a measurable period this field will be affording employment to hundreds where it now employs tens.

THE WELLINGTON DIVISION possesses one of the largest privately owned mines in this colony (which is characterised by its privately owned mines), in the Mitchell's Creek Freehold Gold Estate. The total amount of stone treated at this mine since the commencement of operations amounts to over 52,600 tons of the value (till the middle of the year) £141,854. During 1896, 11,239 tons were treated for a return of 7,130oz, valued at £26,617.

Comparative statement of average (known) yields from quartz mines in the Mudgee Mining District for 1895-96:—

1895 .	1896.		
Quantity, 15,088 tons.	21,899 tons		
Average, per ton, 12dwts. 7grs.	12dwts. 11grs.		
Yield of Gold, £9,169	£13,319		

The gold product in the Mudgee mining divisions for 1896 compared with the preceding year was as follows:—

1896.	,	1895.
Cobbora, 234oz. (alluvial)		• • • •
Denison Town, 2,220oz.		•••
Gulgong, 7,000oz.		4,000oz.
Hargraves, 2,280oz.		3,280oz.
Mudgee, 1,050oz.		.•
Windeyer, 2,440oz.		2,400oz.
Peak Hill, 6,428oz.		8,192oz.
Wellington, 7,130oz.		•••

ADAMS AND PARTY. Windeyer.

WINDEYER DIVISION.

Proprietors: Joseph Adams and Mrs. Adams (Windeyer).

Development: No machinery.

Yield: The vein in this claim, though rather small, is fairly rich, and crushes from loz. 15dwt. to 2oz. 16dwt. per ton. It is being followed down in the hope of widening.

Area: 10 acres.

Postal and Telegraphic Address: Windeyer.

The vein on this property is of only recent finding, and was discovered by one of the owners (a lady over 70 years of age). Another crushing is expected before Christmas.

ADAMS AND PARTY. Red Flag line of Reef, Cudgebegong.

GULGONG DIVISION.

Development: Shaft sunk on reef 95ft.; reef 1ft.

Yields: Average, 5dwts. per ton.

Postal and Telegraphic Address: Cudgebegong Creek.

ALLEN AND CASSIDY. Hargrayes.

HARGRAVES DIVISION.

Area: 5 acres.

Postal and Telegraphic Address: Hargraves.

DR. BENNETT'S CLAIM. Red Flag Line of Reef, Cudgebegong.

GULGONG DIVISION.

Development: Shaft sunk 60ft.; reef not cut.

Postal and Telegraphic Address: Cudgebegong Creek.

BLACK EAGLE COPPER MINE. Dripstone.

WELLINGTON DIVISION.

Proprietors: N. Borchardt and others.

Manager: N. Borchardt, Post Office Chambers, 114A Pitt-street, Sydney.

Area: 120 acres.

Postal and Telegraphic Address of Mine: Dripstone.

BIG NUGGET CLAIM. Hargrayes.

HARGRAVES DIVISION.

Proprietors: Spratt and Bennett.

Area: 6 acres.

Postal and Telegraphic Address: Hargraves.

* BOBBIE BURNS' CLAIM.

Peak Hill.

PEAK HILL DIVISION.

Yields: For 1896, 440 tons for 106oz.

THE CONUNDRUM GOLD MINE.

Windeyer.

WINDEYER DIVISION.

Proprietors: Dr. Nickoll, Messrs. Cox, McEwen, Norris, Mudgee; C. Northover, Hill End.

Manager: C. Northover.

Development: Two shafts driven into each other from a depth of 80ft.; vein varies from 8in to 2ft.

Yields: From 9dwt. to 18dwt. per ton.

Area: 10 acres.

Postal and Telegraphic Address: Mudgee, and Hill End.

CROWHURST AND SONS. Tomingley.

PEAK HILL DIVISION.

This party received Government aid in 1896, and are reported to have a very promising mine.

DEVANEY AND PARTY. Helvetia Line of Reef, Gulgong.

GULGONG DIVISION

THE ECLIPSE GOLD MINE Windeyer.

WINDEYER DIVISION.

Proprietors: R. and W. Leffley.

Manager: W. Leffley.

Development: No sinking of any depth in this claim has been attempted, the proprietors being content for the present with ½oz. stone from a 2ft. vein on the surface.

Yields: About 60 tons have been crushed for a yield of 80 oz.

Area: 2 acres.

Postal and Telegraphic Address: Windeyer.

FLORENCE CLAIM.

Hargraves.

HARGRAVES DIVISION.

Proprietors: J. and T. Lang.

Development: The reef was struck in this mine at 80ft. and worked to 100ft. when the inflow of water stopped operations. It was exceptionally rich in places, being about 3ft. thick.

Area: 6 acres.

Postal and Telegraphic Address: Hargraves.

THE GALEE MORE CLAIM. Windeyer.

WINDEYER DIVISION.

Proprietor: J. Cremmins, Campbell's Creek.

Yield: No crushing as the quartz is so highly mineralised.

Development: Shaft about 60ft. in a vein about 1ft. in thickness, v

very heavily charged with pyrites and other minerals.

A parcel is to be sent to Dapto for treatment.

Area: 8 acres.

Receiving aid from the Prospecting Vote.

GARLING AND PARTY.

Red Flag line of Reef, Cudgebegong.

GULGONG DIVISION.

Development: None of consequence.

Area: 5 acres.

Postal and Telegraphic Address: Cudgebegong Creek.

GILLON AND BENNETT.

Mudgee line of reef.
HARGRAVES DIVISION.

Received Government aid to prospect on the Mudgee line of reef. very rich stone was taken out by this party, which has led to other being taken up on either side of their claim.

Area: 4 acres.

Postal and Telegraphic Address: Hargraves.

THE GOLDEN CROWN.

Windeyer.

WINDEYER DIVISION.

Proprietors: A Sydney Syndicate.

Development: Shaft 180ft. following a vein 3ft. to 4ft. thick, yielding 1

to loz. 5dwt. per ton.

Area: 10 acres.

Under suspension of labour conditions.

THE GOLDEN GATE GOLD MINE. Windeyer.

WINDEYER DIVISION.

Proprietors: W. Leffley, R. Leffley, E. Whittaker (Windeyer).

Manager: W. Leffley.

Development: Four shafts varying from 30ft. to 180ft. in depth. The vein is from 12in. to 22in. in thickness, and averaged about 1oz. 10dwt. per ton; battery and machinery.

Area: 5 acres.

Postal and Telegraphic Address: Windeyer.

This claim and all the workings have been flooded, and the proprietors are sinking a shaft about 50 yards west of the old work to cut the vein at about 150ft. when they expect it will be as good as ever. During 1895 and 1896 over £7,000 worth of gold was won from this claim.

THE GOLDEN LILY GOLD MINE.

Windeyer.

WINDEYER DIVISION.

Proprietors: John Winter, senr., Charles Winter, John Winter, junr.. Joseph Winter (Windeyer).

Manager: John Winter, senr.

Mine Manager: John Ross.

Development: Two shafts down each 160ft., 50 yards apart, driven and stoped to each other. The vein in No. 1 shaft is 3ft. to 4ft. thick, and yields from 9 to 13dwt.; in No. 2 shaft 12in. to 20in. and yields from loz. 11dwt. to 2oz. 2dwt. No machinery, quartz being drawn up by whip and horse.

Yields: Within the last twelve months £4,000 worth gold from about 600 tons of stone.

Area: 11 acres.

Postal and Telegraphic Address: Windeyer.

The proprietors recently refused £12,000 for their property. They are executing a 5-head battery on Clarke's Creek, within a quarter-of-a-mile of their claim, which when finished will make the fourth battery on the field.

THE GREAT EASTERN REFORMED MINE. Peak Hill.

PEAK HILL DIVISION.

Proprietors: H. Gibson, Dugga-street, Peak Hill (trustee for a syndicate of 19-shareholders).

Manager: Hector Gibson.

Mine Manager: Thomas Frazer.

Development: Three shafts have been sunk on the property, No. 1 to a depth of 365ft.; No. 2 to a depth of 300ft., and No. 3 to a depth of 250ft.; levels driven at the various sections. From the 200ft. level down the ore bodies are heavily charged with pyrites, 25 per cent. of the latter being about the average. No machinery of any importance is connected with the mine.

Yields: Crushed 8,185 tons of stone yielding 5,981oz. 6dwts. smelted gold, valued at £23,924.

Area: 12 acres.

Postal and Telegraphic Address: Peak Hill.

A sum of over £8,000 has been divided amongst shareholders, and nocall has ever been made.

GOLDEN STAR GOLD MINE. Windeyer.

WINDEYER DIVISION.

Proprietor: J. Fitz-Townsend, Chevy Chase, Balmain.

Mine Manager: J. C. Grosse.

Development: Principally prospecting to prove the lodes; yields from 19dwt to 8oz. per ton. Three drives cross cutting the lodes, one at 378ft., cutting body of quartz 7ft., the other two are not so far advanced

Area: 20 acres.

Postal and Telegraphic Address: Windeyer.

HAPPY YALLEY GOLD MINING CO., Ltd. Gulgong.

GULGONG DIVISION.

Registered Office: 52 Queensland Offices, Bridge-street.

Registered: 27th August, 1897.

Nominal Capital: 32,000 shares of 8s. each.

Issued: 9,000 paid up to 1s.; 640 to 3s.: 15.000 contributing.

Called up: 6d. per share.

Directors: Robt. Imray, Turret Lodge, North Sydney (Chairman); W. Drake, Marrickville; W. P. Maschwitz, Pitt-street; W. Thompson (Managing Director), Gulgong.

Secretary: James Macartney Rooke.

Mine Manager: W. J. Bellette.

Development: 1 shaft 200ft.; drive from same in 55ft; 1 main shaft now being sunk 200ft.; drive in 20ft.

Area: 52 acres.

Postal and Telegraphic Address: Gulgong.

Sinking to find the source of the rich leads of alluvial gold which run through this ground.

HAPPY YALLEY GOLD MINING SYNDICATE. Gulgong.

GULGONG DIVISION.

Proprietors: William Hutton, Gulgong; J. Frink, Stawell, Victoria: Ed. Seitz, Melbourne; Wm. Levonsohn, Melbourne (trustees for the syndicate).

Manager: Managed by the working shareholders.

Development: No. 1 shaft, 215ft; No. 2 shaft, 160ft. Main drive from No. 1 shaft at 160ft. level, running S.E., cut the reef in about 64ft, from there drive running to No. 2 shaft, connecting the two shafts; from bottom level of No. 1 shaft main drive going S.E., in about 24ft. A winze has been sunk from the 160ft. level, following the underlay of the reef, connecting same with the drive at bottom level.

Yields: 21 tons stone for a yield of 100oz. gold.

Area: 8 acres.

Postal and Telegraphic Address: Gulgong.

HELYETIA No. 1 CLAIM. Gulgong.

GULGONG DIVISION.

Proprietors: P. Dunn, W. E. Hickey, H. Duggan, H. Duggan, and D. McAuly.

Development: Two shafts sunk.

Yields to Date: For twelve months 7,800 loads alluvial wash, yielding 5,750oz. of gold

Area: 6 men's ground.

Postal and Telegraphic Address: Gulgong.

This claim is situated three miles south-east of Gulgong; sinking 90ft. to 120ft., average thickness of wash 6ft.

HENRIETTA GOLD MINE. Windeyer.

WINDEYER DIVISION.

Proprietors: E. Lebentritt, J. Ward, G. C. Grosse, Windeyer.

Manager: G. C. Grosse.

Mine Manager: E. Lebentritt.

Development: Shaft 130ft., with a vein nearly vertical about 12in. thick, averaging a little over 1oz. per ton. The claim is wet from surface soakage, and powerful pumping machinery is employed day and night to keep the water down; 5-head stamper battery.

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Area: 7 acres.

Postal and Telegraphic Address: Windeyer.

The property has a vein of white quartz carrying very coarse gold, and heavily mineralised.

JUBILEE GOLD MINING CO.

Windeyer.

Proprietors: J. Fitz-Townsend, Chevy Chase, Spring and Gibb streets, Balmain: Marcus Clarke, Dulwich Hill, Sydney; R. Lougher, J. D. Taylor, and others.

Manager: J. Potts.

Mine Manager: J. Fitz-Townsend.

Development: Three shafts sunk. Two tunnels driven 250 and 180ft. 180ft. from entrance of long tunnel a body of quartz was worked, leaving a chamber 40ft. by 20ft. wide by 30ft. high. This lode has been driven on to the south and cross-cut at the different distances. A winze has also been sunk on this lode. The 180ft. tunnel is about 300ft. south from the long tunnel; nearly parallel with it a third tunnel is to be started 600ft. south of present long one to further develop the property. The work done shows this to be an exceptional formation, and it requires to be treated on an extensive scale. This cannot be worked as an ordinary reef, but must be quarried. At least 100 head of stamps with all modern gold-saving appliances are necessary in the development of this property.

Yields: Only 1,500oz. of gold (about) has been taken out, the proprietors preferring to open out and determine the extent of lodes and the best means of dealing with the property.

Area: 22 acres.

Poetal and Telegraphic Address: Windeyer.

This property, requiring a large working capital, has been placed before a syndicate in London, and negotiations are being entered into which if completed will develop this district to a very great extent.

LIZZIE WATSON, FAITH REWARD AND NUGGET CLAIMS.

Hargrayes.

HARGRAVES DIVISION.

Proprietors: Scott and Co.

Yields: Faith Reward reported to yield from 25dwts. to 9dwts. per ton.

Nugget: Stone taken from a face from surface said to average 3dwts. per ton.

Area; Lizzie Watson, 5 acres; Faith Reward, 4 acres; Nugget, 4 acres.

LONERGAN BROS.

Hargrayes.

HARGRAVES DIVISION.

Area: 6 acres.

Postal and Telegraphic Address: Hargraves.

* LOUISIANA GOLD MINING CO.

Gulgong.

GULGONG DIVISION.

This claim is idle at present, but there is some prospect of it re-opening.

LOUT AND PARTY.

(near Cudgebegong).

GULGONG DIVISION.

A surface working.

MITCHELL'S CREEK FREEHOLD GOLD ESTATE. Bodangora.

WELLINGTON DIVISION.

Proprietors: Thomas M. Dalveen and James Tuck, Glasgow.

General Manager: D. Manwell.

Secretary: E. H. C. Bristow, 247 George-street, Sydney.

Development: Two shafts, 680ft. and 480ft. Drives (No. 1 shaft): No. 1 drive south measures 747ft.; No. 2, 465ft.; No. 3, 448ft.; No. 4, 372ft.; No. 3 drive north, 743ft.; No. 4, 325ft—total, 3,096ft. In No. 2 shaft No. 1 north drive measures 926ft.; No. 2, 540ft.; No. 3, 726ft.; No. 4, 598ft.; No. 5, 477ft.; No. 1 south drive, 89ft.; No. 2, 240ft.; No. 3, 190ft.; No. 4, 319ft.; No. 5, 758ft.—total, 4863ft. The No. 5 south drive, in No. 2 shaft, and the No 3 north drive, in No. 1 shaft, have broken through the distance from end to end being 3170ft. Twenty stopes are at work, representing

100,000 tons of ore in sight. 80-head battery, driven by two 30 H.P. Cornish boilers. Battery plates are 22½ft. in length, the shaking tables being 4½ft., making in all 27ft. of silvered plate to each box. Fine gold is obtained on all the plates. Ten Frue vanners, Cornish boiler, a 14 H.P. air compresser, two air receivers, and an 8 H.P. Tangye horizontal engine and winding gear, and all other requisite machinery. From the shaft to the battery there is a double tramline 1,700ft. in length, the quartz being hauled in trucks from the shaft to the battery by an endless chain driven by the battery engine. Concentrating, chlorination, and electrical plants.

Yields: Since the commencement of operations 52,573 tons of stone have been crushed for the following yield of gold:—By amalgamation, 26,426oz. 7dwt. 22gr.; by chlorination, 12,069oz. 18dwt. 17gr. Total, 38,496oz. 6dwt. 15gr. Value, £141,854 2s. 2d. The tailings heap amounts to 100,000 tons.

Area: 600 acres, freehold.

Postal and Telegraphic Address of Mine: Bodangora, Wellington.

The above figures refer to the middle of 1897.

MOUNT MARGARET MINE. Stony Pinch, Limestone.

MUDGEE DIVISION.

The plant and machinery of this mine were advertised for sale on 8th November.

THE MOUNT STEWART LEAD AND SILVER MINING CO., N. L. MUDGEE DIVISION.

Registered Office: Union Chambers, 70 Pitt-street, Sydney.

Nominal Capital: £100,000, in 100,000 shares of £1.

Issued: £100,000.

Contributing: 40,000 shares of £1.

Called up: 7s. 6d. per share on 40,000 contributing.

Dividends: 6d per share in 1892, and 8d. per share in 1895.

Directors: C. L. Garland, Hon G. H. Cox, M.L.C. (Sydney), James Channon, Hornsby.

Legal Manager: G. S. Buzacott.

Mine Manager: (Caretaker) Urias Scoble.

Development: Engine shaft sunk 257ft., vertical. Equipment and development cost £19,000.

Area: 90 acres.

Postal and Telegraphic Address of Mine: Leadville.

Work was suspended in 1894 in consequence of heavy decline in silver and lead and change in ore to sulphides. Arrangements are now being made for re-commencing operations.

MYALL'S UNITED GOLD MINE.

Tomingley.

PEAK HILL DIVISION.

Registered Office: 13 St. Helen's Place, London, E.C.

Nominal Capital: £200,000.

Issued: 175,000.

Called up: 16s. each.

Director: (Local) N. M. Cohen, Post office Chambers, Sydney.

Secretary: E. L. Samuel, Post-office Chambers, Pitt-street, Sydney.

General Manager: Thomas White.

Consulting Engineer: F. D. Power.

Development: About £30,000. 40 head of stamp battery and cyanide plant.

Area: 40 acres.

Postal and Telegraphic Address of Mine: Tomingley.

NIL DESPERANDUM CLAIM.

Gulgong.

GULGONG DIVISION.

Government aid has been granted to develop this claim.

Postal and Telegraphic Address: Gulgong.

NEW CROWN OF PEAK HILL GOLD MINING CO., N. L. Peak Hill.

PEAK HILL DIVISION.

Registered Office: 131 Pitt-street, Sydney.

Registered: 22nd May, 1895.

Nominal Capital: £30,000, in 30,000 shares of £1 each.

Issued: 29,126 shares.

Called up: 19s. 1d,

Directors: Alfred Harcourt (Chairman), Walker-street, North Sydney; Joseph Nelson, "Tintern," Elizabeth Bay; Alfred Bennett, Box 1,367, G.P.O., Sydney; Arthur J. Whitehouse, O'Connell-street, Sydney.

Legal Manager: Leonard Dodds.

Mine Manager: Charles Higgins.

Development: Shafts sunk at points, and levels driven at the various sections. Work at present is confined to working the Great Eastern lode. A shaft, at present to a depth of 470ft., is now being sunk a further 120ft. Good winding plant, and a 15-head battery, with all latest appliances, and a good dam and water rights.

Area: 20 acres 2 roods, gold mining leases from Crown.

Postal and Telegraphic Address: Peak Hill.

Crushings from the 470ft. shaft run from 8dwt. to 15dwt. per ton.

OLDFIELD AND PARTY. Red Flag Line of Reef, Cudgebegong.

GULGONG DIVISION.

Development: Shaft sunk 125ft. on a !in. reef; 5-head stamp battery, 8 H. P. engine.

Yields: Average 5dwts per ton.

Area: 10 acres.

Postal and Telegraphic Address: Cudgebegong Creek.

THE OLD GULGONG REEF MINE. Louisiana Line of Reef, Gulgong.

GULGONG DIVISION.

Proprietors: Mr. and Mrs. Wilson.

Development: The shaft at present being worked sunk to about 200ft.

Yields: By chlorination some years ago in Melbourne a return of 5oz. per ton was recorded, but at present little work is being done on the claim.

Postal and Telegraphic Address: Gulgong.

THE O. K. CLAIM. Louisiana Line of Reef, Gulgong.

GULGONG DIVISION.

Proprietor: W. Thomas.

Development: Shaft, 6ft. by 3ft., sunk to a depth of 160ft. in ferruginous

serpentine hanging wall off the lode.

Postal and Telegraphic Address: Gulgong.

PEAK HILL PROPRIETARY GOLD MINING CO., N. L.

PEAK HILL DIVISION.

Registered Office: Victoria Chambers, 63 Elizabeth-street, Sydney.

Date of Registration: 19th May, 1890.

Nominal Capital: £80,000 in 80,000 shares of £1 each, of which 60,000

issued as fully paid up, and 20,000 contributing.

Amount Called up: £8,000.

Dividends: £6,000.

Directors: Hon. Geo. Day, M.L.C. (Chairman), Boulevard, Petersham; J. de V. Lamb, 42 Bridge-street, Sydney; T. Jones, M.P., 148 Parramattaroad, Petersham; F. Tidswell, Milford-street, Randwick; James Kavanagh, Toothill-street, Lewisham.

Legal Manager: S. W. Moore.

Mine Manager: S. Kelly.

Main shaft approaching 600ft., level being opened at 585ft.; levels at 70ft. 100ft., 180ft., 255ft., 320ft., 400ft., and 485ft. From the workings over 50,000 tons of ore have been raised and crushed. Crushing plant (35 head), winding plant, pumping plant, concentrating, grinding, and amalgamating plant, calcining furnace, etc. Value, £9,000.

Area: 32 acres (gold leases).

Postal and Telegraphic Address of Mine: Peak Hill.

THE PILL BOX (No. 8) CLAIM. Louisiana Line of Reef. Gulgong.

GULGONG DIVISION.

Proprietor: Dr. Bennett.

Development: Shaft 6ft. x 3ft. sunk to a depth of 100ft., the same veip being cut as occurred in the Royal Mint claim, but not followed upon. Formation of country decomposed granite and serpentine. The decomposed granite thickly impregnated with iron pyrites, the gold occurring in lode stuff composed of limonate gothite fractured quartz, quartzite and calsite, the whole being stained with iron pyrites which gives it a peculiar brown or copper colour.

Area: 5 acres.

Postal and Telegraphic Address: Gulgong.

[Idle at present].

THE PRINCESS CLAIM. Windeyer.

WINDEYER DIVISION.

Proprietors: Richard Owen, Colin Cooper (Windeyer), R. Eagleson, John Tarrant (Mudgee).

Manager: R. Owen.

Development: Three prospecting shafts down searching for the Golden Lily vein. No. 1 shaft 33ft. with a cross-cut 27ft. east, No. 2, 20ft., No. 3, 60ft.

Yields: Some quartz at grass, but no crushing.

Area: 10 acres.

Postal and Telegraphic Address: Windeyer.

The prospectors have not yet succeeded in the object of their search, but are sinking on a gold-bearing leader (now down 90ft.), which they expect will lead them into the true fissure. From the 60ft. level in shaft No. 3 cross-cut is being extended 80ft. They expect to cut the Golden Lily any time.

QUARTZ RIDGE CLAIM. Hargrayes.

HARGRAVES DIVISION.

Proprietors: Richard Warry and Alexander Stewart, Hargraves.

Mine Manager: Managed by proprietors.

Yields: Up to November about 500oz.—only two men engaged; crushings

from $8\frac{1}{2}$ dwt. to 30z. 10dwt.

Area: 1 acre.

Postal and Telegraphic Address: Hargraves.

One crushing of 15 tons went 8½dwt., all the others averaged over ½oz. per ton. One vein was from 4ft. to 10ft., and crushed from ½oz. to loz. per ton; another vein from 1ft. to 4ft. crushed from 1oz. to 3½oz.

RED FLAG No. 1 PROSPECTING CLAIM. Cudgebegong.

GULGONG DIVISION.

Proprietors: Reeves and Adams.

Development: Shaft 75ft. on reef 11ft. in thickness.

Yields: Average, ¿oz. per ton. Area: 3 acres 1 rood 8 perches.

Postal and Telegraphic Address: Cudgebegong Creek.

ROYAL MINT GOLD MINE. Gulgong.

GULGONG DIVISION.

Proprietor: J. A. Appleyard.

Yields: About 200 tons of mineral ore, which is for sale. No gold worth reporting

Postal and Telegraphic Address: Gulgong.

The formation of this mine is somewhat similar to the Lucknow lode, Orange.

SALVATION HILL MINE. Gulgong.

GULGONG DIVISION.

Proprietors: Geo. Waite and party.

Development: This claim is situated two miles north-west of Gulgong. Strike of lead north-east and south-west. First met in shaft at 30ft., showing in vein 2in. thick, and gradually increasing in size to 14ft., which is the size of lode at present depth, 110ft. The gold occurs in quartzite thickly impregnated with iron pyrites, the pyrites in some instances showing free gold.

Yields: One assay returned loz. 19dwts. of gold per ton, also a small percentage of silver.

Area: 34 acres.

Postal and Telegraphic Address: Gulgong.

This party has received liberal assistance from the Prospecting Vote.

SHELLBACK GOLD MINING CO. (To be Registered as a No Liability Co.)

GULGONG DIVISION.

Registered Office: 16 Post-office Chambers, Pitt-street, Sydney.

Registered: December, 1897.

Nominal Capital: £50,000, in 200,000 shares of 5s. each, 135,000 of which are offered to the public, payable 1s. per share on application, and 1s. per share on allotment; balance payable by calls not exceeding 3d. per share per month, if required. The vendors receive 65,000 fully paid-up shares, and £7,000 in cash in payment of the properties; £3,500 of which sum is payable out of profits, rateably with dividends payable to shareholders.

Provisional Directors: Dr. J. D. Sly, Pitt-street; F. B. Freehill, M.A., 40 Hunter-street; Lieut-Col. G. W. Waddell, 70 Pitt-street: J. S. A. Taylor, C. E., 19 Hunter-street; P. W. Rygate, Esq., B.E. Assoc. M. Inst. of C.E., 98 Pitt-street, Sydney.

Manager: W. Murdoch Wesslink, 114A Pitt-street, Sydney.

Development: Prospected for the last two years, alluvial and reefs obtained. Following reef down, prospecting shaft is 160ft. deep, and shows the following: First, 40ft. through alluvia, 6ft. of limestone clinker, overlying 6ft. of wash-dirt; beneath this is a decomposed diorite, which is carried down to below 110ft., and in which three payable leaders up to 1ft. wide are encountered. Sinking through slate to 140ft., the "Big Reef," 14ft. wide, is passed through, but, owing to the shaft striking old workings, it is continued down to 160ft., to intersect reef by crosscutting.

Yields: 22 tons crushed for 117oz. 18dwt.

Area: 22 acres.

Postal and Telegraphic Address: Gulgong.

This mine is situated at the junction of the Black Lead and Parramatta Lead, Gulgong. All reefs have been found in the diorite country at about 100ft. depth, the diorite being a dyke running N. and S. between walls of slate; depth unknown, width about 600ft.

THE STAR LEAD No. 1 GOLD MINING CO., N. L.

GULGONG DIVISION.

Registered Office: Union Chambers, 90 Pitt-street, Sydney.

Registered: 18th May, 1896. Nominal Capital: £20,000.

Issued: All. 28,000 fully paid up, 12,000 contributing.

Amount Called up: To September, 1897, 7s. 6d.

Directors: Dr. Alfred Burne (Chairman), Lyons Terrace, Sydney; John F. Murphy, 48 Botany-street; John G. Purves, St. John's-road, Glebe; Samuel Cornwell, Australian Brewery, Waterloo; Donald Cormack (J. Sandy and Co.), George-street, Sydney.

Legal Manager: Arthur W. Cooper.

Mine Manager: William Statton

Development: Sweeney's shaft 208ft., Merne's shaft 280ft., 25 H.P. engine. 12 H.P. engine, 25 H.P. boiler, 10-inch Cornish draw lift pump, self-emptying iron puddle.

Postal and Telegraphic Address of Mine: Gulgong.

This mine received Government aid from the Prospecting Vote to continue the driving from the bottom of their 200ft. shaft in the hope of striking one of the lost leads, which proved so rich in the early days of this field. The Board recognising the great importance of the work, gave every possible encouragement to the party, with the result that the lost Star Lead was struck, showing good prospects of gold.

TATTERSALL AND PARTY.

Tomingley.

PEAK HILL DIVISION.

Yields: Crushed 48 tons for an average of 18dwts. per ton during the last week of October.

Postal and Telegraphic Address: Tomingley.

D. THOMAS.

Red Flag Line of Reef, Cudgebegong.

GULGONG DIVISION.

Development: Tunnel in siding about 150ft.; have cut reef.

Postal and Telegraphic Address: Cudgebegong Creek.

THOMAS AND PARTY.

(Red Flag Line of Reef), Cudgebegong.

GULGONG DIVISION.

Development: Shaft sunk on reef 75ft., reef 3ft. in width.

Yields: Average 5dwts. per ton.

Postal and Telegraphic Address: Cudgebegong Creek.

THE TOMINGLEY GOLD MINES, Ltd. Tomingley.

PEAK HILL DIVISION.

Registered Office: 18 St. Helen's Place, London, E.C.

Nominal Capital: £110,000.

Local Secretary: E. L. Samuel, Post Office Chambers, Pitt-street, Sydney,

General Manager: Thomas White.

Area: 51 acres.

Postal and Telegraphic Address of Mine: Tomingley.

THE TRILBY CLAIM. Windeyer.

WINDEYER DIVISION.

Proprietors: E. Lebentritt, G. C. Grosse, J. Ward, Mudgee.

Mine Manager: E. Lebentritt.

Development: Shaft 107ft., with a crosscut 30ft. in an easterly direction.

Area: 2 acres.

Postal and Telegraphic Address: Windeyer.

There has not yet been a crushing from this claim.

THE UNION CLAIM. Windeyer.

WINDEYER DIVISION.

Proprietors: A Sydney syndicate.

Development: Shaft 160ft., following a vein 10in. in thickness, yielding

13dwt. to 16dwt. per ton. No machinery on the ground.

Area: 10 acres

Postal and Telegraphic Address: Windeyer.

Under suspension of labour conditions.

UNION CLAIM. Jackson's Paddock.

GULGONG DIVISION.

Proprietors: P. Egan, J. Jackson, T. Jackson, and A. Lyons, Gulgong.

Yields: 400 loads alluvial wash, yielding 300oz. gold.

Area: Four men's ground.

Postal and Telegraphic Address: Gulgong.

This claim is situated near Talliwang, six miles north-west of Gulgong. Gold very coarse, sinking shallow (only 14ft.), with an average thickness of 2ft. 6in. of wash.

* WALSH AND BUCKMAN.

Peak Hill.

PEAK HILL DIVISION.

THE WELCOME GOLD MINE. Peak Hill.

PEAK HILL DIVISION.

Proprietor: Lambert Reakes, Peak Hill.

Development: Seven shafts, varying from 50ft. to 150ft. Crush at public battery.

Yields: From 1st April, 1895, to end of 1895, 163oz. 12dwt.; 1896, 89oz. 5dwt.; to 1st September, 1897, 78oz. 15dwt.

Area: Prospecting, 240ft. by 400ft.

Postal and Telegraphic Address: Peak Hill.

This is a quartz claim, consisting of small leaders varying in richness from 2oz. up to as high as 14oz. per ton.

WYTHES AND MOONEY GOLD MINE CO., N. L. Peak Hill.

PEAK HILL DIVISION.

Registered Office: Dugga-street. Peak Hill.

Registered: 11th October, 1892.

Nominal Capital: 32,000 shares of £1 cach.

Issued: 31,000 shares.

Amount called up: 19s. 7d. per share.

Directors: Thos. Wythes, J.P., Tomingley (Chairman); T. King, T. Bridle,

Dr. Richard Holmes, Peak Hill; H. H. Cooke, J.P., Parkes.

Legal Manager: H. Gibson.

Mine Manager: H. Warner.

Development: A main shaft 370ft., and timbered to admit of cages working freely. Several other shafts have also been sunk, varying from 100ft. to 200ft., and all necessary levels driven to connect lodes. A 20 H. P. engine, with necessary gear, is connected with the mine.

Postal and Telegraphic Address: Peak Hill.

Crushed 3,585 tons stone for 1,629oz. smelted gold, value £6,516. The mine contains large bodies of fair grade refractory ore, which from numerous tests made would show a good margin of profit if suitable machinery was available to treat the ores.



New England Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned).

THE FAIRFIELD (DRAKE) DIVISION produced gold in 1896 valued at £21,730. Oxidised ore is generally passed through at a depth of about 100ft., below that level sulphide ore is met with. It is so refractory that special treatment is required to deal with it, consequently operations have been confined to the oxidised material, which is necessarily becoming limited. With proper machinery for treatment there is no doubt the complex ores could be worked very successfully. The Lady Jersey, one of the deepest shafts, between September, 1888, and August, 1897, won 16,139oz. valued at £45,559. The Pioneer on Mount Carrington has a shaft 210ft., and the course of the lode has been proved for quarter-of-a-mile, £3,000 having been spent in developing it. crushings yielded from 1oz. to 40oz. per ton by battery treatment. Assays of the stone, which is highly mineralised, showed 1oz. to 20oz. per ton. Lone Hand Mine, now amalgamated with the Pioneer, at the end of 1896 crushed 7½ tons for 104oz, exclusive of tailings which were sold at a satisfac-The field in fact is exceedingly rich, but insufficiently developed for want of capital. Drake is essentially a sulphide field, the success of which will largely depend upon the application of scientific knowledge.

Alluvial mining is profitably carried on throughout the division principally on the old diggings at Timbarra, Poverty Point, M'Leod's Creek, and Tooloom. The official returns for 1896 show that about 250 Europeans and 100 Chinese were so engaged, some of the former earning on an average £2 10s. per week; the majority, however, 39s. to 85s. per week.

TENTERFIELD DIVISION produced 160oz. of gold in 1896 valued at £520. Several parties were in receipt of Government aid, but no discovery had been reported.

Silver-mining is also carried on in the New England District, and is coming into prominence. In the Fairfield Division extensive development is now in course at the White Rock Silver Mine with a view of testing the immense mineral formation at a depth. There are several shafts all in lodes of a favourable character. A 40-stamp battery, roasting furnaces, concentrators, and other machinery are expected to be erected shortly. The completion of the extensive smelting works at Illawarra has led to the re-opening of other mines in the district.

Tin is principally worked in the Emmaville Division, but the low price prevailing and the scarcity of water have been responsible no doubt for the reduced out-put. The Great Britain Tin Mining Company, Ltd., during the half-year ended June 30th, 1897, employed on an average 20 men, but for want of water the mine was practically idle. Under favourable conditions three times the number of men would be required to obtain former yields which were about 5 tons monthly. The output in the Emmaville Division for three years past was as follows:—

1894	• • •	•••	• • •	•••	1,108 tons.	£44,886
1895	•••	•••		•••	900 tons.	£29,700
1896	•••	• • •	• • •	•••	723 tons.	£22,402

In the Deepwater Division the quantity of tin won in 1896 was 300 tons, valued at £9,300, an increase of 100 tons on the previous year; and in Wilson's Downfall Division 150 tons, valued at £4,650, being an increase of 52 tons on the yeild of 1895. Alluvial tin-mining in the district generally gives employment to several hundreds of Europeans and Chinese.

Cinnabar ore has been discovered in rich deposits on Noggriga Creek, eight miles from Lionsville, and this description of mining bids fair to become an industry in this locality.

Plumbago has been found near Wilson's Downfall, and up to the beginning of the year about 90 tons had been taken from the Australian Borodaile Mine. It is the true plumbago of commerce, and experts who have examined the mine hold a very high opinion of the same.

The true emerald is found in the country north and south of Emmaville, and systematic mining for emeralds was begun in 1890 about seven miles to the north-east of the township of Emmaville by the Emerald Proprietary Co. The mine has yielded some gems that realised as high as £10 per carat. About 40,000 carats of emerald were, it is estimated, yielded from this mine in eighteen months.

THE ADELINE GOLD MINING CO.,

Drake.

FAIRFIELD (DRAKE) DIVISION.

Manager: George H. Smith.

Development: 15-head stamp battery, 25 H.P. engine, &c.

ALADDIN'S REWARD EMERALD LEASES.

Emmaville.

EMMAVILLE DIVISION.

Proprietors: N. Borchardt and Party, 12 Post Office Chambers, Pitt-street, Sydney.

Manager: N. Borchardt.

Area: 60 acres.

Postal and Telegraphic Address of Mine: Emmaville.

Adjoins the Emerald Proprietary Mine.

ALL NATIONS GOLD MINE.

Saw Pit Gully, Drake.

FAIRFIELD (DRAKE) DIVISION.

Proprietors: John Hynes, James F. Thomas, Edgar Hall, Roland R. Smith, Alfred W. Taylor, and David Robertson.

Development: 6-head stamp battery, 8 H.P. portable engine, &c.

Postal and Telegraphic Address: Drake.

AUSTRALIAN BORODAILE PLUMBAGO MINE.

WILSON'S DOWNFALL DIVISION.

Proprietor: D. G. Smith.

Development: Two shafts, timbered and covered, from 40ft. to 50ft. each.

Yields: Up to January, 1897, 90 tons plumbago, principally lumps.

Area: 40 acres.

Postal and Telegraphic Address: Wilson's Downfall Tenterfield.

Situated about 10 miles easterly from Wilson's Downfall, with a main road running within 3 miles of the mine and 20 miles from a railway station. It is a true plumbago, fit for crucibles, castings, lubricants, &c., also the black lead of commerce. The ore at present depth assays 43 per cent. to 45 per cent. carbon, and the width of the lode is from 30ft. to 40ft., with bands of slate and kaolin clay every 10ft. or so.

BASSETTI AND PARTY'S CINNABAR MINE.

Lionsville.

LIONSVILLE DIVISION.

Proprietors: T. B. Bassetti, W. Penrose, Lionsville; G. H. Varley, E. C. Lennington, Grafton.

Mine Manager: T. B. Bassetti.

Development: Main shaft 100ft., tunnel at 50ft. Over £400 spent opening up mine.

Yields: Five tons cinnabar sent for treatment.

Postal and Telegraphic Address: Lionsville, via Tenterfield.

The mine has been well traced from one end of the lease to the other. The percentage of quicksilver has been from 7 per cent. to 60 and 70 per cent. Said to be the first mine in which cinnabar has been found in lode formation in New South Wales.

BOLIVIA SILYER AND LEAD ORE EXPORT CO., N. L.

DEEPWATER DIVISION.

Registered Office; 12 O'Connell-street, Sydney.

Legal Manager: Darrell A. Bensusan.

THE BROULA SILYER MINE.

Emmaville.

EMMAVILLE DIVISION.

Area: 120 acres.

CASTLE RAG MINE.

Pikedale.

DEEPWATER DIVISION.

* DEEP LEAD TIN MINING CO.

Emmaville.

EMMAVILLE DIVISION.

Yields: The returns for September and October, 1897, were reported to be upwards of 18 tons.

* DODGER CLAIM.

Drake.

FAIRFIELD (DRAKE) DIVISION.

Proprietors: Kay and Quinlan.

EMERALD PROPRIETARY MINE.

Yegetable Creek.

EMMAVILLE DIVISION.

The property of the old Emerald Proprietary Company was purchased by Mr. J. S. Read, of Perth, and the mine is now being worked by a syndicate of ten shares, holders half resident in London and the remainder in Sydney and Perth.

Development: Depth of shaft about 260ft., which it is proposed to continue to the water level.

Postal and Telegraphic Address: Vegetable Creek, Emmaville.

GREAT AMERICAN BARBER MINE.

Mount Carrington.

FAIRFIELD (DRAKE) DIVISION.

Proprietors: David Mickle and D. McLennan, Drake.

Development: Two shafts to a depth of 80ft. At 50ft. level, between the two shafts, on reef 2ft. wide. Stoping, and started sink winze from 80ft. level on reef from which 10 tons were crushed in September, 1897, for a yield of 19oz. 18dwt.

Yields: For the past twelve months, 160oz. gold, value £3 14s. per oz. The highest yield per ton was 5½oz., and the lowest loz. to the ton.

Area: 5 acres on Mount Carrington.

Postal and Telegraphic Address: Drake.

This is considered a most promising property, and the gold is getting richer in quality the deeper sunk in the reof referred to. There is another reef in the lease unopened, and a copper lode which assays 60 per cent. in parts.

GREAT BOULDER CLAIM.

Drake.

DRAKE DIVISION.

Proprietors: Watson and party.

GOUGH'S GULLY GOLD MINE. Gough's Gully.

TENTERFIELD DIVISION.

Proprietors: W. H. Smith, Tenterfield (Trustee for a Syndicate of Four Members).

Development: Several shafts sunk on line of reef, at intervals, for over a mile in length; greatest depth 75ft., sinking being stopped at that depth on account of influx of water. The mine is a very wet one.

Yields: 82 tons from line of reef crushed for 153oz. gold, valued at £535 10s Pyrites saved from crushings assayed as high as 60oz. per ton. 3-stamper battery with 8 H.P. engine.

Area: 10 leases on line of reef, 47 acres.

Postal and Telegraphic Address of Mine: Drake.

GREAT BRITAIN TIN MINING CO., Ltd. Emmaville.

EMMAVILLE DIVISION.

Registered Office: 16 O'Connell-street. Sydney.

Registered: 23rd December, 1872.

Nominal Capital: £48,000.

Issued: 48,000 shares of £1 each.

Paid-up Capital: £48,000.

Dividends to Date: £61,800.

Directors: R. T. Remington, W. C. Watt, John Gilchrist, J. S. Hutchinson,

Sydney.

Legal Manager: R. N. Kirk.

Mine Manager: A. McGillivray.

Development: Mine property, buildings, machinery, and land, valued at

£48,000.

Area: 581 acres 1 rood.

Postal and Telegraphic Address of Mine: Emmaville.

During the half-year ended June 30, 1897, the average number of men employed was twenty, but, owing to the scarcity of water for mining purposes, the quantity of ore raised was small. Under favourable conditions three times the number of men would be required to obtain former yields, which in recent years have been 5 tons monthly.

* GULF MOUNTAIN TIN MINING CO. Emmaville.

EMMAVILLE DIVISION.

* LADY HAMPDEN MINE. Saw Pit Gully.

DRAKE DIVISION.

THE LADY JERSEY GOLD MINE:. Long Creek, near Drake.

FAIRFIELD (DRAKE) DIVISION

Proprietors: G. J. Rivers, Drake; A. W. Taylor, Drake; C. H. Stanford

Lismore; R. W. Hockdale, Casino.

Mine Manager: G. J. Rivers.

Development: 5-stamp battery from Junee. Previous to this crushed with a 2-head elephant ore stamp battery; deepest shaft, 180ft.

Yields: September, 1888, to August, 1897, 16,139oz. 13dwts. 4grs., valued at £49,559 19s.

Area: 80 acres.

Postal and Telegraphic Address: Drake.

The formation is a felsite dyke through which runs mineral veins composed of zinc blende copper pyrites. galena, etc., carrying gold and silver.

* NIL DESPERANDUM GOLD MINE. Mount Carrington.

FAIRFIELD (DRAKE) DIVISION.

Proprietors: Hancock and party.

THE NOGREGAR CINNABAR MINE. Lionsville.

LIONSVILLE DIVISION.

Proprietors: G. Varley & E. C. Lewington, Grafton; T. B. Bassetti and W. Penrose, Lionsville.

Mine Manager: T. B. Bassetti.

Development: One shaft 100ft., three shafts about 20ft., drive along lode about 20ft.

Yields: No ore treated, assays up to 70 per cent. metallic mercury.

Area: 40 deres.

Postal and Telegraphic Address: Lionsville.

* PIG AND WHISTLE CLAIM. Mount Carrington, Drake. DRAKE DIVISION.

PIONEER GOLD MINING CO.

Drake.

FAIRFIELD (DRAKE) DIVISION.

Proprietors: F. F. Ashwood, C. Growcock, F. Newby, T. Morris, Sydney.

Mines: The Pioneer and Lone Hand (late Staunton and Taylor's) Mines.

Manager: Thomas Morris, 779 George-street, Sydney.

Mine Manager: Thomas Henry Thomas.

Development: Six shafts, ranging in depth from 40ft. to 210ft., in latter lode 2ft. 6in.; 3 tunnels, from 50ft. to 100ft. Course of Pioneer gold lode proved for quarter-of-a-mile. £3,000 spent in developing lode, 75 tons awaiting treatment at Dapto Works, and 200 tons oxidized ore at grass.

Yields: Six crushings yielded from loz. to 40oz. per ton by battery treatment. Stone is highly mineralised, and assays from loz. to 20oz. per ton. About to crush 250 tons locally (November).

Area: 72 acres.

Postal and Telegraphic Address: Mount Carrington, Drake.

The field is exceedingly rich, but lying idle for the want of capital. The ore is purely a smelting one, and oxides are rarely found below 50ft.

[The annual report of the Mines Department for 1896 states that the erection of works to deal with the complex ores in this locality seems now to be a necessity. Below 100ft. the sulphide ore is met with which is so refractory that the present machinery cannot deal with it.]

* RAINBOW CLAIM. Mount Carrington. DRAKE DIVISION.

Proprietors: Parker and O'Connor.

Postal and Telegraphic Address: Drake.

ROSE VALLEY DEEP LEAD MINE.

Emmaville.

EMMAVILLE DIVISION.

Proprietors: Local Syndicate.

Directors: J. W. Reid, D. M. O'Donnell, and John Bailey.

Mine Manager: John Salmon.

Development: Three main shafts have been sunk and timbered on the lead, varying in depth from 120ft. to 140ft. About 1600ft. worked out along the run. The wash varies in depth from 2ft. to 6ft., and in width from 20ft. to 50ft. Plant consists of one portable engine with winding gear complete, together with two pumps for water, and an air machine; also saw-bench, washing plant, blacksmith's shop, etc.

Yields: Total, 247 tons of tin ore.

Area: Two 40-acre blocks, held under royalty.

Postal and Telegraphic Address: Rose Valley, Emmaville.

The Syndicate, which consists of 100 shares of £20 each, was formed in August, 1893, for the purpose of working the Rose Valley Deep Lead, on ground owned by Mr. John Lennon, and the adjoining blocks owned by Mr. H. Gordon, by whom it has been let on royalty to the present Syndicate. The ground, being wet and heavy, requires close timbering.

SILYER PRINCE SILYER MINE. Tent Hill.

EMMAVILLE DIVISION.

Area: 40 acres.

WEBB'S SILVER MINE. Emmaville.

EMMAVILLE DIVISION.

Proprietors: The Smelting Co. of Australia, Ltd., Mutual Life Buildings, Martin Place, Sydney.

Manager: John Howell.

Secretary: C. H. Hayward.

Mine Manager: J. C. Dawe.

Development: Shafts, drives, winzes, cross-cuts, stopes, plant, winding, pumping, and concentrating plant.

Yields: About 700 tons.

Area: 240 acres.

Postal and Telegraphic Address of Mine; Emmaville.

WEBB'S EXTENDED SILVER MINE. Tent Hill.

EMMAVILLE DIVISION.

Area: 20 acres.

THE WHITE ROCK SILVER MINE, Ltd.

FAIRFIELD (DRAKE) DIVISION.

Registered Office: No. 1 Leadenhall-street, London, E.C.

Sydney Office: Mutual Life Buildings.

Registered: 80th May, 1896.

Nominal Capital: £175,000.

Issued: £175,000.

Directors: William Keswick (Chairman), 3 Lombard-street, London, E.C.;

A. R. Robertson (Chairman of Great Boulder Proprietary Gold Mines,

Ltd.), Walter Savill, T. A. de Wolf, W. A. Harper.

Secretary: D. Petrie, London.

Superintending Engineer: John Howell, Mutual Life Buildings, Sydney.

Sydney Secretary: C. H. Hayward.

Mine Manager: Uriah Dudley.

Development: Large, open cut 70ft. deep, No. 1 shaft 91ft. No. 2 shaft 185ft., with two levels at bottom, one 60ft. and one 45ft., surface level 320ft. up to 30ft. deep, all in lode formation of a favourable character. Six engines, viz., 1 pair 120 H.P., 1 single 60 H.P., one 12 H.P. winding, 2 air compressors 25 H.P. each, one 12 H.P. saw-mill, 6 boilers 30 H.P. each, 2 rock-breakers, 2 sets Krom rolls, 2 sets wall rolls, 24 concentrators with all necessary classifiers, etc., 40-stamp battery, 3 Howell roasting furnaces, 10-ton steam crane, diamond drill, with quantity of other appliances on the way to the mine.

Yields: All under development as yet.

Postal and Telegraphic Address of Mine: Drake.

The mine was once the property of the White Rock Proprietary Silver Mining Co., Ltd.

YOUNG AUSTRALIAN GOLD MINE. Drake.

FAIRFIELD (DRAKE) DIVISION.

Proprietors: Patrick Ward (junr.), Drake.

Manager: Patrick Ward (junr.)

Development: Shaft 60ft.

Yield: Crushed 34 tons for 51oz. gold.

Area: 2 acres applied for.

Postal and Telegraphic Address: Drake.



Peel and Uralla Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned.

HILLGROVE and HILLGROVE WEST DIVISIONS, representing the Hillgrove Gold-field, yielded in the aggregate in 1896 a total of 37,852oz.—the largest output from any field in the colony. The Baker's Creek, which is the principal mine at Hillgrove, treated for the six months ending June last 6,743 tons for an average yield of loz. 1dwt. 7grs. of bar gold per ton, and has paid in dividends up to the date named £247,500. The company has a battery of 50 stamps, 40 of which are constantly crushing. The Sunlight Gold Mining Company, N. L., raised and treated 13,089 tons in 1896 for 8,536oz., valued at £29,342, and have paid £10,293 in dividends. Cyanide works are in course of erection for the treatment of tailings. The yield in the Hillgrove West Division for last year was 13,481oz., nearly double the quantity won in 1895, though the scarcity of water proved a great hinderance to work. The Hillgrove field gives every promise of permanency and prosperity, and judicious expenditure of capital will be the means of discovering yet further deposits of payable ore. The gold return for Hillgrove and Hillgrove West Divisions for the fortnight ending December 4th amounted to 1,850oz. 6dwts.

Armidale Division has been steadily increasing its output of gold, as will be seen from the following:—

1894	•••	•••	•••	•••	•••	•••	432	OZ.
1895	•••	• • •	• • •	• • •	• • •	. •••	854	oz.
1896	•••	• • •	• • •	• • •		1	,700	OZ.

A large number of men continue to work the alluvial ground in the vicinity of Tilbuster.

The Walcha Division produced 1,070oz. of gold in 1896. Work has been proceeding vigorously at Tia, under aid granted from the Prospecting Vote.

SWAMP OAK returned 2,037oz. of gold, valued at £7,302, and indications point to a revival of mining throughout the division.

TAMWORTH returns for the preceding year show that 260oz. of gold had been won within the division, the bulk of it having been obtained by fossickers.

In the Nundle Division mining is chiefly carried on at Hanging Rock and Bowling Alley Point. The Excelsior Mine put "through 260 tons for 679oz., the Black Snake 32 tons for 105oz., and in 1896 Deegan and Party's mine produced 300oz.; and the Peel River Prospecting Company crushed 790 tons for 530oz. The district is a favourite one for fossickers. The mines in the division produced about 2,836oz, of gold during the year.

Stewart's Brook Division also embraces Moonan Brook, Omadale Brook, and the old Denison diggings. The New Royal Standard produced up to November 24 of the present year 2,227½ tons of ore for a return of 7,210oz. standard gold valued at £27,993. Of this return, 625 tons were treated this year commencing February, and ending on the 24th November, for a yield of 1,695oz. 2dwt. 2grs. smelted gold, and the splendid results obtained have given fresh impetus to the field, which, with crushings from other mines, aggregated in 1896, as far as ascertainable, 2,243 tons, yielding 4,444oz., valued at £23,253.

In the Barraba Division 600oz. of gold was returned, valued at £2,840, and there has been considerable development at Wood's Reef during the year.

BINGERA, situated 400 miles north-west of Sydney, was first discovered as a gold-field in 1853. The workings have been principally confined to alluvial, the main reefs having never been properly prospected. Sinking was abandoned at the water level, which is 80ft. Rich patches have occasionally been turned out, and, considering that some of these claims have yielded from £8,000 to £12,000, sooner or later the field must attract attention, Hitherto it has been worked with no other machinery than the rope and windlass. The gold is worth from £3 13s. to £4 4s. per ounce.

In GLEN INNES, the principal mine is that of the Glen Elgin Company, who have a valuable and extensive plant. The gold return for the division for 1896 was 596oz.—about the same as the preceding year. The alluvial

ground at Glen Elgin gives employment to a number of men, but the majority of miners in the division are employed mining for tin.

KOOKABOOKRA DIVISION yielded 620oz. alluvial gold in 1896, won on the old Oban gold-field, but the scarcity of water prevailing retarded the operations of the men. Quartz-mining has been at a standstill.

Comparative statement of average (known) yields from quartz mines in the Peel and Uralla Mining District for 1895-96.

1895. 1896.

Quantity, 43,137 tons 47,551 tons

Average per ton, 18dwt. 9grs. 14dwt. 11gr.

Yield, 28,878oz. 12dwt. 34,388oz. 10dwt.

Silver lodes are found in this district in the Hillgrove Division in the neighbourhood of Rockvale. Very satisfactory returns have been made from some of the lodes, but extensive mining operations with efficient concentrating plant are necessary to obtain payable results. A silver lode, it is said, assaying 25 per cent. lead and 165oz. of silver, besides a large percentage of copper per ton has been discovered about 40 miles east from Bingera, and about four miles south of Boggy Camp.

Tin is mined in the Tingha, Inverell, Glen Innes, and Kookabookra Divisions, the quantity produced being about 775 tons for 1896. The output from the Tingha field was valued at £16,000. The opening of the diamond mines at Boggy Camp, 15 miles west of Tingha, has provided employment for a number of men tin mining. The sinking is from 30 to 50ft. deep, and the wash averages from 2 to 7ft. thick.

A CINNABAR lode was discovered about five years ago, about half-a-mile south-east from the township of Bingera, and can be traced for a distance of about seven miles between serpentine and limestone walls. The lode, however, is still undeveloped.

COPPER is also found in the Bingera Division in several places, the most noteworthy being at Upper Bingera, the ore assaying 75 per cent. metallic copper.

Antimony lodes have been worked in this Division at Sugarloaf and Cobedah, but owing to the high rate of carriage and the low price of this metal work is at a standstill.

CHROME ORE also is found in immensely large lodes in the Bingera Division. In places they exceed 200ft. in thickness, and analyses have given 58 per cent. It has been asserted this ore contains payable gold.

COAL, sandstone of the best quality, limestone, and fire clay are also represented in the Bingera Division. Timber for mining and building purposes is abundant, and with capital, good machinery, and careful management the future of the Bingera fields is assured.

DIAMONDS.—Fossicking for gold near the Bingera township led to the discovery of diamonds, but it was not until 1884 that the first serious attempt was made to work for them. The Australian Diamond Mining Company was then formed to develop the mines. Their first washing up realised 1,184 diamonds weighing 209 carats besides gold. A few years ago the property changed hands, and is now the Australian Proprietary Gold and Diamond Mining Company, who have made extensive improvements, discovering that they had been working in a true fissure lode (or pipe) formation. Beers, a Melbourne syndicate, has lately secured over 1,000 acres, and a scheme by which the water difficulty can be overcome has been initiated. Hitherto the diamond industry has been neglected. The mines, however, are conveniently situated, no engineering difficulties in the way to open them up, and the diamond range is over 100 miles in length. The stones are known to exist all along its course, but work is only carried on where they are associated with other minerals. At Boggy Camp, 40 miles east of Bingera, several mines are at work. This field is endowed with a sufficiency of water. The diamonds are found associated with tin, and the yield is from 30 to 60 carats per load, stones of over 8 carats having been found. The principal mine is the Star of the South, which is worked by an English Company. Osbourne and Dasey's Soldier's Hill Mine is also very rich; and Messrs. Gray, Osborne and Agnew's Streak of Luck Mine has lately been acquired by an English Company at a satisfactory figure to the vendors. The local price of diamonds (subject to variation) is about 7s. 6d. per carat. The permanency of the diamondiferous deposits of this district having been amply demonstrated there can be little doubt but that the requisite capital will be attracted for their development.

* ADAM'S REEF. Stewart's Brook.

STEWART'S BROOK DIVISION.

Proprietors: The Adam's Syndicate.

AHERN'S MINE.

· Dry Creek, Moonan Brook.

STEWART'S BROOK DIVISION.

Proprietors: Ahern & Sons, Dry Creek, via Moonan Brook.

Manager: John Ahern.

Development: Two shafts sunk, No. 1 being about 40ft., and drive about 30ft. each way along the line of reef; No. 2 is about 50ft., and reef about 10in. on bottom of shaft, showing very good gold.

Yields: For 1896 from three different reefs 25 tons at 12dwts. per ton, 9 tons at 4ozs. 5dwts. per ton, 45 tons at 2ozs. per ton.

Area: 30 acres.

Postal and Telegraphic Address: Moonan Brook.

On account of striking water work was recently suspended, and it is proposed to float in England.

THE AYONIA GOLD MINING CO., Ltd. Hanging Rock.

NUNDLE DIVISION.

Registered Office: 582 Kent-street, Sydney.

Registered: 9th September, 1897.

Nominal Capital: £1,000 in £1 shares.

Issued: 416.

Called up: 16s. per share

Directors; G. W. Marks, Alexander-street, Surry Hills; J. E. Fosse, C. B. Wood, W. Andrews, Portman-street, Waterloo; W. T. Burkitt, Ferndale, Addison-road Marrickville, Sydney.

Secretary: W. T. Burkitt.

Mine Manager: C. Dechow.

Development: Shaft 40ft. to reef showing 3ft. 6in., with good prospects, quartz going 2oz. per ton at Clyde Works. Tunnel for drainage in about 160ft., and it is expected the reef will be caught again at 200ft.

Area: About 5 acres.

Postal and Telegraphic Address of Mine: Hanging Rock, via Nundle.

BAALGAMMON BLOCKS CLAIM.

HILLGROVE DIVISION.

Proprietors: W. Morris, W. Madrick, G. Madrick (Hillgrove).

Development: Chiefly prospecting. The plant consists of small 8-head bat-

tery with engine.

Yields: 89oz. of minted gold from 26 tons of stone.

Area: 10 acres.

Postal and Telegraphic Address: Hillgrove.

THE BAKER'S CREEK CONSOLS GOLD MINING CO. N L.

HILLGROVE DIVISION.

Registered Office: Eagle Chambers, Pirie-street, Adelaide.

Registered: 22nd May, 1896.

Nominal Capital: £50,000.

Issued: 50,000 shares of £1, paid up to 15s.

Called up : £3,750.

Directors: Thomas Barnfield (Chairman), V. Lawrence, A. W. Ware, David

James, W. Weber.

Secretary: Henry Donaldson.

Mine Manager: F. Jolly.

Purser: P. J. Chapman.

Development: 10 head battery.

Area: 15 acres.

Postal and Telegraphic Address of Mine: Hillgrove.

The first crushing yielded between 80z. and 90z. per ton.

THE BAKER'S CREEK GOLD MINING CO., N. L.

HILLGROVE DIVISION.

Registered Office: Eagle Chambers, Pirie-st., Adelaide.

Registered: 26th August, 1887.

Nominal Capital: £100,000.

Issued: 100,000 at £1 each, paid to 17s. 6d.

Dividends: Last payable 30th June, 1897, £5,000, being the 46th; total paid, £247,500.

Directors: Saml. Tomkinson (Chairman), J. B. Spence, T. B. Gall, W. Smith, G. Smith, Adelaide.

Legal Manager: V. Lawrence.

Mine Manager: W. J. Hill.

Purser and Assayer: S. Macgeorge.

Development: 50-head battery, 40 head of which are constantly crushing.

Area: 32 acres.

Postal and Telegraphic Address: Hillgrove.

Crushings for the half-year ended 80th June, 1897:

Year	1897.				Tons.	Retorted	Smelted.	
						028.	ozs.	dwts.
January	2 2	•••	•••	•••	701	421	407	0
February 5			•••	•••	519	889	874	9
	19	•••		•••	525	699	67 8	7
March	5	•••	•••	•••	517	544	532	4
	19	•••	•••		552	475	461	2
A pril	2	•••	•••	•••	543	588	560	2
	16	•••	•••	•••	549	585	56 8	17
	30	•••	•••	•••	509	567	550	3
May	14	•••	•••	•••	49 8	583	564	3
	28	•••	•••	•••	539	551	533	4
June	11	• · •	•••	• • •	53 S	520	506	8
	3 0	•••	• • •	•••	742	803.15	1,300	6
Concentrates		•••	•••	•••			92	0
Tributors Work		•••	•••	•••	11	58	49	1
		•		,	6,748	6778.15	7177	1

٠.

Average yield for 6 months, 1oz. 1dwt. 7grs. of bar gold per ton crushed.

BARNEY BARNATO GOLD MINE. Wood's Reef.

BARRABA DIVISION.

* BETTISON, T. Tia.

WALCHA DIVISION

BINGARA GOLD MINES, Ltd.

BINGARA DIVISION.

Registered Office: 135 Pitt-street, Sydney.

Secretary: James Malcolm.

Not working.

* BLACK MOUNTAIN MINE. Barraba.

BARRABA DIVISION.

The Mines Department reports this mine to be promising well.

BLACK SNAKE EXTENDED GOLD MINE. Mount Pleasant.

NUNDLE DIVISION.

Proprietors: John Radley & Party, divided into 151 shares.

Yield: 32 tons for 1050 is. gold.

Development: Worked by tunnel 700ft. in a hanging rock.

Area: 400ft. by 400ft.

Postal and Telegraphic Address: Mount Pleasant, Nundle.

BLUEY GOLD MINING CO. N.L.

STEWART'S BROOK DIVISION.

Registered Office: 70 Pitt-street, Sydney.

Date of Registration: 11th September, 1895.

Nominal Capital: £8750.

Amount Called up: 3s. 8d. per Share on 20,000 Contributing Shares-

£8,666 13s. 4d.

Directors: J. Percy Josephson, Eliott Meyer, J. H. Wood, Sydney.

Legal Manager: G. S. Buzacott.

Mine Manager: Joseph Weir.

Development: 10 head stamp battery.

Area: 22 acres.

Postal and Telegraphic Address of Mine: Stewart's Brook, via Scone.

BROWN'S PADDOCK GOLD MINES, Ltd., Uralla.

URALLA DIVISION.

Registered Office: 43 Threadneedle-street, London, E.C.

Nominal Capital: £50,000.

Issued: £20,000.

Called up: £20,000.

Directors: John B. Kingscote, Stratton, Audley; A. Romilly, 9 Lower Bel-

grave-street, London, S.W.; M. Sharpe, J.P., D.L., Brent Lodge,

Hanwell, Middlesex; J. McDonald, 43 Threadneedle-street, London, E.C.

Secretary: Robert Jessop.

Mine Manager: L. Blayney-Mitchell.

Development: 4 miles water pipe main cost £,4000, Austral Otis centrifugal dredging plant £2,500; total cost £7,000, including other works.

Area: About 60 acres.

Postal and Telegraphic Address: Uralla.

The present Company on purchasing the property initiated a system of hydraulic sluicing for the effectual and economical working of the mine. Salisbury Lagoon was fixed up, and its capacity increased by an earthwork on the eastern side. From the lagoon, pipes were laid in open cuttings or in tunnels into Uralla, and through the town and down to the starting point, for work in Brown's Paddock, where it was intended to commence operations. A paddock was excavated to the rock, and in this paddock a punt was built of material sufficiently strong to bear the machinery. This consists of one 117 h.p. boiler, tested to 200lb. to the square inch, an engine, a centrifugal pump, engine for generating electricity, dynamo, and duplex pump, the latter capable of lifting 80,000 gallons of water per hour. The pump is roofed in,

and over roof 26ft. above the deck of the punt, the sluice boxes are laid, continuing on trestles. The water from the lagoon is conveyed by pipes into the workings, and made to pass through a 2in. nozzle. This by an ingenious contrivance can radiate in a semi-circle. The ground where the work is now being carried on has a very uneven bottom, and is full of granite boulders. This will necessitate a little more labor in the final cleaning up.

* CAMP FIRE REEF GOLD MINING CO.

HILLGROVE DIVISION.

Manager: R. Jackson.

Development: At a meeting held on the 1st October the manager reported that the shaft was down 120ft,, and that there was about 120 tons of crushing stone at grass. It was decided to continue the sinking of the shaft to a depth of 150ft., and to arrange for the purchase of a 10-head stamp battery.

Postal and Telegraphic Address: Hillgrove.

CARTER'S MINES.

Stewart's Brook.

STEWART'S BROOK DIVISION.

Proprietors: R. H. Carter, Stewart's Brook.

Manager: R. H. Carter.

Development: Whim for hauling, main shaft. 120ftc, with various drives and other shafts.

Yields: June 26th, 18 tons, 55oz: 8dwt: ; July 24th, 174 tons, 39oz. 11dwt: ; August 21st, 134 tons, 22oz; October 30th, 20 tons, 23oz. 19dwt.

Area: 20 acres.

Postal and Telegraphic Address: Stewart's Brook.

Water very troublesome, recti showing about: 2ft. wide in stopes at present.

COLLETT'S REEF MINE. Moonan Brook (the Old Denison Goldfield).

SCONE DIVISION.

Proprietors: The Denison Syndicate, Scone.

Manager: C. Otto Waldow.

Development: The Reef follows the backbone of a spur which rises steeply from the southern bank of Moonan Brook, and forms one of the buttresses of the Blue Mountain Range, 1,200ft.in height. About 230ft-above creek level a tunnel has been driven on the course of the reef, for 145ft., and at its end a winze is being sunk, which has now a depth of 90ft. Reef averages 14in., in slate formation. About 190ft. lower down the spur an adit is now being driven to cut the reef and make a connection with the winze that is being sunk from the upper level. This adit is now 250ft. from the surface, and in 50ft. more the lode is expected to be struck.

Yields: The late owner crushed 172 tons for 227oz. gold in a battery without grinding or other modern appliances.

Area: 25 acres.

Postal and Telegraphic Address: Scone.

The Syndicate consists of 350 shares of £3 each, of which 200 are contributing. The reef may be traced for a considerable distance along the surface, but the country is steep and rugged, and transport difficult under present conditions. As soon as the connection between the two levels is completed it is intended to erect a battery near the mouth of the lower adit, for which abundance of water is available as motive power.

THE COONEY PROPRIETARY MINES, Ltd.

Registered Offices: Equitable Buildings, Sydney, and 19 St. Swithin's Lane,

Name of Mine: Late Baker's Creek No. 1 Extended.

Registered: September 22, 1897, in London.

Nominal Capital: £100,000.

Issued: £100,000.

Called up: 9s. per share.

Directors: Local Board in Sydney not yet appointed.

Managers: The United Australian Exploration, Ltd.

Mine Manager: H. M. Porter.

Development: Two tunnels, one 500ft. long, the other 600ft. long. A further

500ft. to be driven before cutting the reef.

Area: 20 acres.

Postal and Telegraphic Address of Mine: Hillgrove.

CORNISH COPPER COMPANY, Ltd. Gulf Creek.

BARRABA DIVISION.

Registered Office: 20 Darby-street, Newcastle.

Registered: 1892.

Nominal Capital: £8,000, in 32,000 scrip at 5s. each.

Issued: £20,000.

Directors: Thomas Garrett, J.P., Produce Merchant Carrington (Chairman),

F. Witherspoon, Geo. Halbert, D. McGregor, Newcastle; W. Smith Lake-road, Waratah; N. B. Creer, Newcastle; Thos. Bray, Waratah.

Legal Manager: J. L. Lawson, 20 Darby-street, Newcastle.

Mine Manager: A. Westland, Engineer.

Head Smelter: Sam. Holmes.

Development: Shaft down 108ft., drive at 8 fathom level 184ft., lode from 5ft. to 6ft. wide, black ore for 80ft. At 18 fathom level drive 211ft., lode from 18in. to 12ft. This drive is going south. Going north 100ft., lode 3ft. wide for 70ft. A shaft 300ft. north of this level with 4ft. of good yellow ore. Three engines, 1 Cornish boiler, and 1 reverberatory furnace treating 60 tons of ore per day.

Postal and Telegraphic Address of Mine: Gulf Creek, Barraba.

A water jacket is in course of erection, with a large service tank, and dam containing 4,000,000 gallons. Forty chains of 4in. pipes connect dam with water jacket, and an equal length of tramline connects water jacket with mine. Good dividends are anticipated when jacket is completed.

[This company received aid to continue their shaft to a further depth of 100ft., and were successful in opening out good ore, which during the year covered all current expenses in addition to the cost of extensive development work. It is expected that the company will be in a position to employ a large number of men at an early date.—Mines Department Annual Report, 1896.]

COSMOPOLITAN GOLD MINING CO.

Baker's Creek.

HILLGROVE DIVISION.

Development: A 10-head stamp battery.

* DUGGAN AND PARTY'S MINE. Nundle.

NUNDLE DIVISION.

Yields: During 1896 produced 300oz gold.

* DODGER MINE.

Crow Mountain.

BARRABA DIVISION.

This mine has produced some exceptionally rich stone.

* DOMINICK R. AND PARTY.

Stewart's Brook.

STEWART'S BROOK DIVISION.

A yield at the rate of loz. 13dwt. per ton was reported on the 4th October.

* EARL OF HOPETOUN MINE.

Hillgrove.

HILLGROVE DIVISION.

This mine changed hands during 1896 and is now worked by the owners, who raised 230 tons in the year named for a return of 336oz.

EARL OF HOPETOUN SOUTH MINE.

(Late Root Hog,) Hillgrove.

HILLGROVE DIVISION.

Proprietors: A. T. Fuller & Party.

Manager: A. T. Fuller.

Development: £2,000 including trucks and rails, over 2,000ft. tunnelling, bottom tunnel 1,176ft. at break level.

Yields: Paid over and above wages. Average for the past four years has been loz. ladwts. per ton; hundreds of tons that would not pay for packing to private battery thrown away.

Area: 17 acres; battery site 2 acres.

Postal and Telegraphic Address: Hillgrove.

[The Proprietors report that they have many thousands of tons of stone in sight of too low grade to pay to pack to nearest battery on horses, and that they would be willing to make equitable arrangements for the erection of a battery on the mine.]

THE ELEANORA GOLD & ANTIMONY MINING CO., N.L.

HILLGROVE DIVISION.

Registered Office: Eagle Chambers, Pirie-street, Adelaide.

Date of Registration: 5th September, 1889.

Nominal Capital: £100,000

Issued: 100,000 shares of £1 each, issued as paid to 17s. 6d.

Called up : £12,500. Dividends : £5,000.

Directors: Thos. Barnfield (Chairman); J. N. Wendt, W. Griffiths, W.

Weber, D. James, Adelaide.

Legal Manager: V. Lawrence.

Mine Manager: F. Jolly.

Purser: P. J. Chapman.

Development: 80 stamps working.

Area: 40 acres freehold, 47 acres leasehold.

Postal and Telegraphic Address of Mine: Hillgrove.

Reported 27th November to have crushed 450 tons for 828ozs. 10dwts. free gold, and 92ozs. concentrates; total 420ozs. 10dwts. smelted gold.

THE ELSMORE VALLEY TIN MINING CO., N. L.

INVERELL DIVISION.

Registered Office: Otho-street, Inverell.

Nominal Capital: £15,000.

Issued: 50,000 fully paid up, 5s; 10,000 contributing 5s.

Called up: All paid.

Directors: John Henry Thomas, Inverell; Joseph Allan Thomas, Inverell; J. W. Birkenhead, West Maitland; J. W. Moore (*Chairman*), Inverell; Chas. Crothers, Inverell; James Mahady, Elsmore; Henry Pemberthy, Elsmore.

Legal Manager: Arthur Bloore.

Mine Manager: Fredk. S. Thomas.

Area: 220 acres.

Postal and Telegraphic Address: Inverell.

EXCELSIOR GOLD MINE.

Hanging Rock.

NUNDLE DIVISION.

Proprietors: William Gazely (Nundle), Charles Murray (Sunny Corner).

Manager: W. Gazely.

Mine Manager: Robert Ordgers.

Development: Tunnel 160ft. before striking reef; level driven on the reef 140ft.; winze sunk 30ft. below level of tunnel; reef 4ft. thick at bottom of winze, and looking well; average thickness in mine, 2ft. 6in.; no machinery connected with mine.

Yields: 260 tons of stone yielded 679oz. smelted gold, valued at £2,621 12s. 6d.

Area: 2 acres.

Postal and Telegraphic Address: Hanging Rock, Nundle.

About 800 tons of stone at grass estimated to yield 3oz. per ton.

* FRAME AND PARTY.

Omadale Brook.

STEWART'S BROOK DIVISION.

Yields: 21 tons reported to have been treated in October for 40½oz. gold.

GARIBALDI GOLD & ANTIMONY MINING CO., Ltd. Hillgrove.

HILLGROVE DIVISION.

Registered Office: 20 Billiter Square Buildings, London, E.C.

Registered: 11th September, 1895.

Nominal Capital: £50,000.

Issued: 50,000 of £1 each. 20,000 (vendors) being issued credited as fully

paid.

Called up: £15,000.

Directors: S. Studd (Chairman) and J. Evans-Jackson, London: Jas.

Greenless and Hon. James Inglis, Sydney.

Legal Manager: C. T. Rotheram.

Mine: On Tribute.

Local Agent: A. Armstrong, 6 Spring-street, Sydney.

Area: 62 acres.

Postal and Telegraphic Address of Mine: Hillgrove.

GLEN ELGIN GOLD MINING CO., Ltd. Glen Elgin.

GLEN INNES DIVISION.

Registered Office: 319 Dashwood House, London, E.C.

Registered: 21st April, 1891.

Capital: £100,000, in 100,000 shares of £1 each.

Issued: 91,182 shares, and are fully paid; 62,540 being issued credited as fully paid. Debentures issued to the amount of £1,600. The capital was originally £60,000, in 60,000 shares of £1 each. In order to purchase additional properties it was increased, in August, 1895, to its present amount, by the creation of 40,000 new shares.

Directors: Henry James Barker, Tom Brown, Thomas Herbert Wilson, Henry Cock (Managing).

Secretary: Alfred Conder.

Mine Manager: M. D. Cock.

Development: Plant—15-head stamps, rock and boring machiney, amalgamators, concentrators, furnaces, &c. Motive power—Water Pelton wheel. Amount expended to 30th December, 1896—£18,221.

Yields: Past year (141 tons) 114oz. gold.

Area: 50 acres.

Postal and Telegraphic Address: Glen Elgin.

Registered to acquire mining properties known as Glen Elgin, the purchase consideration being £43,000 in fully paid shares. Additional properties have since been acquired, for £40,000 in fully paid shares, in the Waratah district.

THE GIFT GOLD MINE.

Stewart's Brook.

STEWART'S BROOK DIVISION.

Proprietors: D. Ruggeri, W. Towns, Stewart's Brook.

Development: Tunnel about 200ft., and a shaft about 70ft.

Yields: Average, loz. per ton.

Area: 2 acres.

Postal and Telegraphic Address: Stewart's Brook.

This mine is situated on property owned by R. H. Carter. Reef averages from 3in., carries good gold, and runs north and south. The nature of the country is diorite.

THE GOLDEN BARD MINE.

Mount Hudson.

URALLA DIVISION.

Proprietors: Richard Hudson, David James, Thomas Poulson, Balala.

Mine Manager: David James, Uralla.

Development: No. 1 shaft 100ft. deep; reef 2ft. wide; 6 drives from same carrying gold, the reef no less than 2ft. 300 tons of quartz at grass. The average yield by dolly from 6dwt. to 9dwt. per ton. No. 2 shaft 56ft. deep, 2 drives, and 4 stopes; reef 2ft. 6in. wide. No crushing yet; battery wanted.

Area: 20 acres.

Postal and Telegraphic Address: Uralla, Balala.

* GOLDEN GATE MINE.

Nundle.

NUNDLE DIVISION.

Yields: It was reported on December 6th. that this mine had crushed at the Tamworth Battery 104 tons for a return of 91oz. of gold.

GOLDEN JUBILEE MINE (Late Wood's Reef Extended). Wood's Reef.

BARRABA DIVISION.

Proprietors: A. McLaurin, Wood's Reef; L. H. Bond, Wood's Reef; John Ferry, Barraba; Dr. Wesley Hart, Barraba.

Manager: A. McLaurin.

Mine Manager: L. H. Bond.

Development: Two shafts, 45ft. each; one cutting 80ft., one cutting and tunnel 90ft.

Yields: For 12 months, 68 tons for 74oz. at £3 15s. per oz., without concentrates; the latter being stored until means of treatment are locally available; October 1st, 1897, 4 tons for a yield of 17oz. 3dwts. 9grs.

Area: 2 acres.

Postal and Telegraphic Address: Wood's Reef, Barraba.

The claims held by McLaurin and Vincent, and adjoining one by O'Brien, are now amalgamated under the present proprietary. The Warden lately requested the owners to hold over some rich specimens with a view of inducing the Mines Department to purchase same.

* GOLDSWORTH GOLD MINE. Uralla.

URALLA DIVISION.

* GREAT BRITAIN GOLD MINE. Swamp Oak.

SWAMP OAK DIVISION.

Proprietors: Brown Bros.

* GREAT BRITAIN MINE. Uralla.

URALLA DIVISION.

GREAT NORTHERN GOLD MINE.

STEWART'S BROOK DIVISION.

Proprietors: Wm. Rose, senr., & Sons, Stewart's Brook.

Manager: William Rose, senr.

Mine Manager: William James Rose.

Development: No. 1 tunnel 40ft. south; average size of reef, about 6in.; shaft being sunk at mouth of tunnel; present depth, 43ft.; reef increasing from 8in. to 10in.

Yields: Crushed 4 tons of stone from surface which yielded 16dwts. per ton; 13 tons out of shaft yielded 11oz. per ton.

Area: 1,921ft. on line of reef (prospecting area), and one acre leage on north end of area.

Postal and Telegraphic Address: Stewart's Brook.

The line of reef is direct north and south, the underlay to the west. The reef has been opened in various places on the surface covering an extent of 700ft. along line of reef; more or less gold can be got in all places, tine near surface. The property is to be developed in a more systematic manner.

HILLGROYE PROPRIETARY MINES, Ltd.

HILLGROVE DIVISION.

Registered Offices: Equitable Buildings, Sydney, and 19 St. Swithin's Lane, London.

Name of Mine: Late Golden Gate Mine.

Registered: September 22nd, 1897, in London.

Nominal Capital: £100,000.

Issued: £100,000.

Called up: 8s. per share.

Directors: Local Board in Sydney not yet appointed.

Managers: The United Australian Exploration, Ltd.

Mine Manager: H. M. Porter.

Development: A considerable amount of driving has been done on two reefs.

There is a 10-stamp battery erected at the entrance to the lower tunnel.

Area: 17 acres.

Postal and Telegraphic Address: Hillgrove.

HODGES AND DUNCOMBE, Wood's Reef.

BARRABA DIVISION.

Yields: Reported to have crushed five tons in October for 11/10z. per ton.

* HORSFALL'S COPPER MINE.

Upper Bingara.

BINGARA DIVISION.

The ore in this mine assays as high as 75 per cent., but not much work is carried on owing to the cost of freight to Newcastle.

Postal and Telegraphic Address: Upper Bingara, via Barraba.

* HOWARTH AND PARTY.

Two-Grain Flat, Bowling Alley Point.

NUNDLE DIVISION.

Yields: 20oz. gold reported to have been obtained for the fortnight ending October 80

INVERELL BULONG GOLD MINING CO., N. L.

INVERELL DIVISION.

Registered Office: Inverell.

Registered: July, 1897.

Capital: £5,000.

Directors: John Borthwick (Chairman) John Sinclair, Dr. Morton, Dr.

Lane, D. S. Anderson, G. A. Cruickshank, J. D. Campbell.

At the first general meeting (October 28) a credit balance of £68 12s. 5d. was shown. Water is reported to be making.

KING SOLOMON GOLD MINE.

Barraba.

BARRABA DIVISION.

Proprietors: F. G. Tempest and A. Arnold, Wood's Reef, Barraba.

Manager: Managed by the owners.

Development: Underlay shaft 247ft., discontinued on account of no pumping machinery to deal with the water. The quartz at that level is heavily charged with arsenical pyrites. A tunnel 300ft in length cuts the shaft at the 140ft level. This level is being driven along the reef, and before the boundary line is reached 300ft of back will be available for stoping. Plant consists of 1,000ft steel rails, and tools to carry on the present work.

Yields: Crushed 291 tons quartz for 297oz. 9dwts.gold valued at £219 10s. 9d. 57 tons from the western slates yielded 3oz. 11dwts.

Area: 4 acres.

Postal and Telegraphic Address: Barraba.

So far all work in connection with this mine has been simply prospecting and development, the quartz having no treatment other than ordinary battery amalgamation. Blanketings sent to Sydney for assay showed a return equal to the battery returns. Clean concentrates assay as high as 10oz. per ton. It is contended that a chlorination works only is neeled to make the field one of the most prominent in the northern district.

LADY GRACE MINE.

Stewart's Brook.

STEWART'S BROOK DIVISION.

Proprietors: C. L. Lorentzen and Party, Sydney.

Development: 10-head stamper battery worked by water power.

LADY MARY GOLD MINE. Bingara.

BINGARA DIVISION.

roprietors: Thos. Reading, Henry J. Reading, William C. Wilkinson (Bingara), George W. Cameron, George Grove, Thos. Lane, James Adams, Ben Wells, Richard Furge, David Campbell (Inverell.)

Mine Manager: E. C. Lavery.

Development: Main shaft, 90ft., eastern drive 20ft., western drive 8ft.

Yield: 3oz. per ton.

Area: 15 acres.

Postal and Telegraphic Address: Bingara.

The Syndicate was formed on the 16th March, 1897, for the purpose of developing the lease which is six miles from Bingara. The block is a network of reefs, most of which show gold.

LADY MARY GOLD MINE. Wood's Reef.

BARRABA DIVISION.

Proprietors: Joseph Emmett, G. Williams.

Development: Two shafts 40ft., one shaft 20ft.

Yields: Four crushings yielded 150oz. gold, lowest 11dwts, highest 15oz.

Area: 1 acre.

Postal and Telegraphic Address: Wood's Reef,

Best crushing was procured from 20ft. level, but the gold is again coming in 7ft. in the foot-wall at the 40ft. level. Owners are prospecting with a view to sinking a main shaft to cut the rich chute.

LADY MAUDE GOLD MINING CO., N. L.

STEWART'S BROOK DIVISION.

Registered Office: 5 Moore-street, Sydney.

Name of Mine: The Lady Maude Gold Mine.

Date of Registration: 18th January, 1897.

Nominal Capital: £5,000, in 20,000 shares of 5s. each, 10,000 fully paid, 10,000 contributing.

Issued: 17,570 shares; 2,480 held in reserve.

Called up: 1s. 6d. per share on the contributing shares.

Directors: Herbert Churchill Purcell, M.D., 13 Jameson-street; Henry John Pollard, 5 Moore-street; James A. S Taylor, C.E., 19 Hunter-street, Sydney.

Legal Manager: H. Ernest A. Miller.

Mine Manager: John Baker.

Development: 4 tunnels into hill; No. 1 80ft., No. 2 120ft., No. 8 280ft., No. 4 (low level tunnel) about 175ft.—all on reef going south. Several winzes, &c.

Area: 2 blocks, under lease from Crown, containing 10 and 8 acres respectively (18 acres).

Postal and Telegraphic Address: Stewart's Brook.

Mine manager in last report states that in No. 4 tunnel he has struck a new line of reef known as Carter's. The stone he is now raising estimated to return from 1½oz. to 2oz. gold per ton. Reef and formation from 8in. up to 4ft., with visible gold.

* LADY SOPHIA MINE.

Swamp Oak.

SWAMP OAK DIVISION.

LITTLE NELL GOLD MINE. Tillbuster.

ARMIDALE DIVISION.

Proprietors: Alfred Hardman, Armidale; Martin McMillan, Tillbuster Matthew Hogan, Tillbuster.

Manager: Managed generally by the proprietors.

Development: No. 1 shaft, depth 100ft.; main drive extended 150ft. west; No. 2 shaft, 140ft.; No. 1 shaft connects the two at the 100ft. level. Settled country reached in the 140ft. shaft, and no sign of water. Reef from 6in. to 16in.; no machinery of any importance.

Yields: From May, 1896, when work was started, up to October, 1897, treated 150 tons stone yielding 15dwts. smelted gold per ton.

Area: 7 acres.

Postal and Telegraphic Address: Armidale.

Twenty tons stone at grass estimated to contain loz. per ton. Several reefs on the property carry gold.

* LITTLE WONDER.

Swamp Oak.

SWAMP OAK DIVISION.

LUCKY NINE MINE.

Limboi Mountain, Stockyard Creek.

TAMWORTH DIVISION.

Proprietors: A syndicate.

Yields: A small consignment treated at Mines Department Works, Duck River yielded 4oz. 11dwts.; 8 tons 2cwt. at the same place yielded 1\frac{1}{2}oz. per ton, and a small consignment treated at Hudson's Clyde Works yielded 1\frac{1}{2}oz. per ton.

Development: About £200 has been spent, and it is intended to erect a battery.

Area: 12 acres.

Postal and Telegraphic Address: Limboi Mountains, Stockyard Creek, Moonbi.

The reef in the tunnel at 55ft. is 7ft. wide and shows signs of permanency

* McCARTHY J., AND PARTY. Surface Hill, Hillgrove.

HILLGROVE DIVISION.

Received aid from the Prospecting Vote in 1896.

* MARQUIS OF LORNE CLAIM. Hanging Rock.

NUNDLE DIVISION.

* NEW ALLIANCE GOLD MINE. Bowling Alley Point.

NUNDLE DIVISION.

THE NEW ROYAL STANDARD GOLD MINING CO., N. L.

STEWART'S BROOK DIVISION.

Registered Office: Union Chambers, 70 Pitt-street, Sydney.

Date of Registration: 4th February, 1893.

Nominal Capital: £6,000, in 24,000 shares of 5s. each, issued as paid up to 2s. 6d.

Issued: 24,000 shares all contributing 6,140 shares not allotted; 6,600 for-feited, leaving 11,260 in good standing.

Amount called up: 1s. 6d. per share.

Directors: J. Percy Josephson, Eliott Meyer, John Pope, Sydney.

Dividends: £13,512, equal to 24s. per share.

Legal Manager: G. S. Buzacott.

Mine Manager: Richard Davies.

Development: 10 head stamps at work. Main shaft sunk 130ft., and mine worked from 6 levels.

Area: 43 acres 1 rood 2 perches.

Postal and Telegraphic Address of Mine: Stewart's Brook

PRIDE OF THE BROOK.

Stewart's Brook.

STEWART'S BROOK DIVISION.

Proprietors: James R. Wooderson, Robert Wooderson, John W. Watt,
James R. Wooderson (jnr.), Stewart's Brook.

Mine Manager: James R. Wooderson (Managing Shareholder).

Development: No. 1 shaft 115ft. deep. Levels opened up at 40 and 100ft. Cross cut in from gully 102ft. north of No. 1 shaft. Reef driven on to shaft at a depth of 40ft. from surface. South end in 80ft. 100ft. level, south end 90ft., north end 30ft. Very little stoping done up to date.

Yields: 256 tons of stone treated at Standard battery for a yield of 353oz. 2dwts. 12grs.

Area: 8 acres.

Postal and Telegraphic Address: Stewart's Brook, via Scone.

Average width of reef from 1ft. to 2ft. 6in., in diorite country intersected with slate bands.

* RECORD REIGN GOLD MINING CO., N. L.

Glen Innes.

GLEN INNES DIVISION.

Registered Office: Grey-street, Glen Innes.

Registered: 23rd August, 1897.

Capital: £2,500. A call (the 4th) of £2 10s. per share was due on the 8th December.

Legal Manager: Herbert S. Vincent.

Postal and Telegraphic Address: Glen Innes.

RED HILL HYDRAULIC SLUICING CLAIM.

Nundle.

NUNDLE DIVISION.

Proprietors: Robert Law and others of Nundle.

Managers: Managed by the proprietors.

Development: A large amount of sluicing and driving has been done, principally by the former owners. Development by present owners has been retarded through want of water. A complete hydraulic sluicing plant consisting of about 1,800 yards of iron and steel piping, varying in diameter from 80in. to 11in., together with a large assortment of nozzles hydraulic valves, Crompton's dynamo, together with 4cwt. of copper electric wire, etc.

Area: 6 acres.

Postal and Telegraphic Address: Nundle.

The plant was formally owned by the Mount Sheba Gold Sluicing Co. and comprises a complete hydraulic sluicing plant. The ground is a portion of what is known as the Mount Pleasant Sluicing Lead, which is regarded as the future mainstay of the district. The present proprietors have been singularly unfortunate as they have been unable to work since being in possession fully two-thirds of the time through want of water.

ROUTINE FLUSH GOLD MINE. Swamp Oak.

SWAMP OAK DIVISION.

Proprietors: Thomas Rose, Swamp Oak; John B. Bassetti, Paddington Alfred Collins, 22 Queen-street, Ashfield; William Richardson, Albert-street, Petersham, Sydney.

Manager: S. S. Bassetti.

Mine Manager: Thomas Rose.

Development: Two shafts, 73ft. and 70ft., and one 120ft.

Yields: 2oz. to 11oz. per ton. A sample of stone crushed and left with the Technical College, Sydney, assayed 10oz. 12dwts. 6grs. gold per ton.

Area: 12 acres.

Postal and Telegraphic Address: Swamp Oak.

The Routine Flush was discovered in 1891, and very rich stone was taken from the reef, yielding up to 12oz. per ton. The chute of gold and reef were lost at 45ft. and 50ft. The reef jumping away to the east, in clay floors, was abandoned until last year, when by sinking and driving the main reef and chute were struck 50ft. higher up the hill, east. The reef is now 2ft. 6in. in width, and is expected to average 2oz. per ton. The drillings from the

three holes foot-wall, centre of reef, at the 60ft. level average at the rate of 10oz. 12dwts. 6grs. per ton, according to the assay of the Technical College Gold is visible in the stone, and dollies well. The quartz is rusty, the gold fairly fine, and the reef is underlined at about 1ft. 6in., in good working country.

RUBY SILVER MINE.

Rockyale.

HILLGROVE DIVISION.

Proprietors: Baker and Wade.

An "option" over this mine has been acquired by the New Zealand Mines Trust, Ltd. (Dr. A. Scheidel, Manager), Mutual Life Buildings Martin-place, Sydney.

Area: 90 acres.

Postal and Telegraphic Address: Rockvale.

RUZICKA HILL GOLD MINE. Nundle.

NUNDLE DIVISION.

Proprietors: William Stringer, Phillip Sheelah, Hanging Rock, Nundle.

Development: No. 1 level 160ft., No. 2 level 200ft., winze about 300ft.

Yields: Stone crushed—9 tons for 2,500oz. gold.*

Area: 6 acres.

Postal and Telegraphic Address: Nundle.

* The 9 tons of stone came from a small vein carrying very rich patches, 4lbs. and 5lbs. weight of gold having been obtained to the dish.

SLEEPING BEAUTY MINE.

Tia.

WALCHA DIVISION.

800 tons were crushed in 1896 for a yield of 100oz.

SOUTHERN NEW ENGLAND CLAIM. Uralla.

URALLA DIVISION.

Proprietors: John Brown, Uralla.

Manager: Managed by the proprietor.

Development: Work started in August, 1897. About 5000 yards sluiced

away. No general wash-up made.

Yields: About 70oz.

Area: 25 acres.

Postal and Telegraphic Address: Uralla.

* SOUTH STANDARD MINE. Stewart's Brook.

STEWART'S BROOK DIVISION.

Proprietors: Adams, Towns, and party.

Yields: 9 tons are reported to have returned 14dwts. per ton, a lot of surface

stuff put through reducing the yield.

[Reported being floated in Sydney.]

* SOUTH SUNLIGHT GOLD MINING CO., N. L. Metz.

HILLGROVE WEST DIVISION.

Registered Office: 1 Queen-street Offices, Melbourne.

Legal Manager: G. Marshall Cummings.

THE STEWART'S BROOK GOLD MINING CO., N. L. Scone.

STEWART'S BROOK DIVISION

Registered Office: Liverpool-street, Scone.

Name of Mine: On Hidden Treasure line of reef.

Registered: September, 1895.

Nominal Capital: £10,000.

Issued: Fully, in 40,000 shares, of which 25,000 are contributing.

Called up: £8,958 6s. 8d.

Directors: Dr. H. J. H. Scott, J.P., Scone (Chairman); R. G. D. Fitzgerald,

M.P., Muswellbrook; H. L. White, J.P., Belltrees; F. A. Parbury, J.P.,

Scone; Edwd. Solomons, J.P., Scone.

Legal Manager: C. O. Waldow.

Development: A 10-stamper battery driven by water-wheel, and in dry seasons by a 12 H.P. portable engine, is erected at the foot of the mountain, and connected with the mine, near the summit by a self-acting double trainline. 853ft. of driving in various levels has been done, and 206ft. of sinking.

Area: 12 acres.

Postal and Telegraphic Address of Mine: Stewart's Brook.

The Company has crushed 690 tons for 454oz. 15dwts. smelted gold. Former owners crushed 250 tons for 625oz. The reef averages about 15in. Formation diorite overlaying blue slate. The mine is now under suspension of labour conditions pending the Company's reconstruction into a big concern n conjunction with adjoining properties—the Pride of the Brook and Durham Syndicate, forming a total area of 36 acres.

* SUNLIGHT EAST GOLD MINING CO.

Metz.

HILLGROVE WEST DIVISION.

SUNLIGHT GOLD MINING CO., N.L.

Metz.

HILLGROVE WEST DIVISION.

Registered Office: 135 Pitt-street, Sydney.

Date of Registration: 1888.

Nominal Capital: £70,000

Issued and Paid up: £70,000

Amount Called up: £10,000

Dividends to date: £1293 15s 2d. (Six Dividends at 6d. per share

Directors: The Hon. Sir Joseph P. Abbott, K.C.M.G. (Chairman); Robert Amos, 81 Victoria-street, Darlinghurst; John Harker, 359 George-street,

Sydney; David Wilkins, 41 York-street, Sydney.

Legal Manager: James Malcolm.

Mine Manager: Henry Tait.

Development: Plant and Machinery £13,227.

Area: 80 acres.

Postal and Telegraphic Address: Metz.

Cyanide Works are in course of erection for the treatment of tailings.

SUNNYSIDE COPPER MINE.

Hillgrove.

HILLGROVE DIVISION.

Proprietors: F. Keys, Thomas Snow, Hillgrove.

Development: Tunnel on No. 1 lode in 20ft., 8ft. of copper showing in the face, assaying 42 p.c. copper, 3dwts. gold, and 14oz. silver; No. 2 lode shaft being sunk, lode 10ft. wide, assays copper 12 p.c., silver 12oz., gold 17dwts. This lode contains a large amount of carbonate of lead.

Area: 120 acres.

Postal and Telegraphic Address: Hillgrove.

A large parcel of ore is about to be forwarded to the Cockles Creek Works for treatment. Every facility for working the mine exists, timber being plentiful and water never failing.

SUNNYSIDE GOLD MINE.

Sunnyside.

URALLA DIVISION.

Proprietor: R. T. Vyner, Armidale.

Mine Manager: W. Cohner

Development: Mine 25ft. deep. Dams in course of construction, and a

10-head battery recently erected.

Yields: None at present, owing to want of water. 20 tons at grass.

Area: 40 acres

Postal Address: Sunnyside via Uralla.

The mine is in a dry gully. It is expected to give satisfactory results in the near future.

TAMWORTH GOLD MINING CO., Ltd.

Nundle.

NUNDLE DIVISION.

Registered Office: 9 New Broad-street, London.

Mine: Hanging Rock.

Registered: 18th March, 1895.

Nominal Capital, £85,000, in 85,000 shares.

Issued: £20,000.

Called up: £15,000.

Directors: Earl of Donoughmore, C. J. Fuller, L. G. Murray.

Manager: Eustace H. L. Pratt, M.D., J.P., Tamworth.

Mine Manager: Captain R. Bennett.

Development: Amount expended, £80,000. 10-stamp battery, with water

and steam power.

Area: 26 acres.

Postal and Telegraphic Address: Nundle.

Thirty miners employed. Since incorporation only £3000 worth of gold has been taken out of the ground, owing to development work.

THE TELEPHONE GOLD MINE.

Stewart's Brook.

STEWART'S BROOK DIVISION.

Proprietors: J. E. Bartlett, R. Bartlett, Stewart's Brook.

Development: No. 1 shaft 85ft., No. 2 shaft 52ft.

Yields: 26 tons stone for 80oz. 16dwt. gold.

Area: 400ft. by 400ft.

Postal and Telegraphic Address: Stewart's Brook.

This is a very dry mine, it being over 1,000ft. above the water level. It is intended to sink both shafts to a depth of 200ft., and then connect both by a drive from the bottom before any stoping is done. The reef runs north and south, averaging about 15in. in width, and dipping only about 1ft. in 3ft. It has been sunk on a slide in No. 1 shaft. A nice reef showing in No. 2 shaft. If gold continues to a depth of 210ft. it is intended to erect a crushing plant.

* THOMAS AND PARTY (Gold and Tin). Shannon Yale, Glen Elgin. GLEN INNES DIVISION.

WELCOME CLAIM.

Tia.

WALCHA DIVISION.

Proprietors: Richard Buckland, Henry Steep, Edward Usbeck, Tia.

Mine Manager: R. Buckland.

Development: A prospecting shaft 100ft. Drive at the 100ft. level 100ft.

No machinery.

Yields: 80oz. gold to date.

Area: 7 acres, on private land.

Postal and Telegraphic Address: Tia.

The reef is about 8in. to 1ft. wide. The proprietors have not had the means to test whether the property is payable or not, but hold a hopeful opinion. The sample of gold is a coarse quality, mixed with fine.

WEST SUNLIGHT REEF CO., N. L. Metz.

HILLGROVE WEST DIVISION.

Registered Office: 418 Collins-street, Melbourne.

Name of Mine: West Sunlight. Registered: 22nd July, 1891. Nominal Capital: £50,000, in 100,000 shares.

Issued: £35,000.

Called up: £10,250.

Directors: Hon. D. Ham, M.L.C., Hon. S. Morris, Ballarat; R. Risline, W,

T. Barton, S. Tonkin, Melbourne; G. McBean (Local Director).

Armidale.

Legal Manager: H. G. Mackenzie.

Mine Manager: H. Martyn.

Development: Seven drives opened to 700ft., 20 head of stamps, 5 vanners,

tramline, 8 sets engines.

Area: 120 acres.

Postal and Telegraphic Address of Mine: Metz.

[Reported to have crushed on 26th November, 273 tons for a return of 192oz. smelted gold.]

* WOOD'S REEF MINE. Wood's Reef.

BARRABA DIVISION.



Tambaroora and Turon Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned.)

HILL END DIVISION, for 1896, returned 4,003oz. of gold, 2,684oz. of which was from alluvium, and 891 tons of stone was treated for 1,319oz. The total yield was 356oz. less than the preceding year. A number of the miners, however, were employed in sinking deep shafts at Red Hill, Tambaroora, from which place no returns have been received. There has been considerable activity on the field during the current year, and the yield is anticipated to equal anything in its history.

The Sofala Division, including Wattle Flat, produced, for 1896, 4,753oz., as against 3,801oz. the previous year. Quartz mining has received an impetus, owing to the fact that almost every crushing paid fair returns. A large number of men are fossicking in the neighbourhood of Wattle Flat, and there is other alluvial ground at Turon Point, about 8 miles from Sofala. Referring to the gold deposits of Wattle Flat and Sofala, Mr. John B. Jacquet, Geological Surveyor, has reported that they "Consist of narrow veins, which yield, in their upper portions, ore of extraordinary richness, and which are now for the most part worked out, Also of large and irregular shaped masses of country rock impregnated with gold-bearing minerals, and traversed by auriferous quartz veinlets. These formations, taken en masse, are of a lowgrade character, but, judging from results hitherto obtained, they would be payable if worked upon a large scale by a system of quarrying. well defined and permanent quartz reefs occur upon the field. These reefs, as a rule, yield an ore of medium grade, though occasional rich shoots are to be It would seem that in a number of instances they have found in them. not hitherto been worked as they should have been. When a payable shoot of ore has been discovered the workings have been confined within its limits until it was exhausted, and no attempt made at the same time to explore the reef for other shoots. In other words exploration has not gone on simultaneously with exploitation. It is probably owing to the neglect of this principle that the yields of gold have not been more regular in the past."

STUART Town Division yielded 3,524oz. of gold in 1896, compared with 2,694oz. in 1895. Quartz mining would appear to have a good outlook. The field has attracted outside capital, some of the mines are in strong hands, and extensive developments are probable during the ensuing year.

Dredging the Macquarie.—An important project has been initiated by Mr. Charles L. Garland, of Sydney, to dredge the auriferous bed of the Macquarie River for gold, and the sum of £650 has been deposited on application for the lease of about 16 miles. The great floods the river is subject to have hitherto prevented sustained effort to obtain the wealth which the bed of this stream is said to hold. During one very dry season a number of Chinese recovered about £30,000 worth of gold in a small paddock, when a flood buried their plant. The tributaries of the river have yielded large quantities of gold, particularly in the "fifties," but the Macquarie, with its 15ft. to 40ft. of auriferous drift, has defied the miners' efforts, owing to the prevalence of floods. It is now proposed to introduce the method of steam dredging and hydraulic sluicing lately perfected and successfully used in New It is claimed that dirt can be raised from 40ft. below the level of the river, and that, in New Zealand, the total cost of dredging and recovering the gold does not exceed in some cases three-farthings per ton of auriferous wash. The cost of introducing a similar scheme for the Macquarie is estimated at £40,000. In the opinion of the promoters the venture would be most profitable, if not a sensational success. We understand it is proposed to dredge other portions of the river bed in a similar manner.

Comparative statement of average known yields from quartz mines, for 1895-96, in the Tambaroora and Turon Mining District.

1895. 1896.

Quantity ... 3,748 tons ... 4,232 tons

Average per ton 14dwts. 12grs. ... 13dwts. 6 grs.

Yield of gold ... 2,749oz. 6dwts. ... 2,892oz. 13dwts. 8grs.

THE BIG OKEY CREEK GOLD MINING CO. Wattle Flat.

WATTLE FLAT DIVISION.

Proprietors: John Mini and party.

Development: The mine is worked from a tunnel in the side of Big Okey Creek. From the level of the tunnel an underlay shaft is down about 400ft.; a quartz crushing battery of 10 stampers, 25 H. P. engine, and 8 H. P. steam winch to haul the quartz to the level of the tunnel.

Area: 17 acres.

Postal and Telegraphic Address: Wattle Flat.

This lease is held by four shareholders and was purchased from the company about five years ago. Since that time the mine has yielded 328oz of gold, the work of six men half the time, and by four the remainder.

* BIG YAHOO MINE. Macquarie River.

STUART TOWN DIVISION.

* CALEDONIAN CLAIM. Surface Hill.

WATTLE FLAT DIVISION.

Received aid from the Prospecting Vote in 1896, and found a large lode 12ft. wide, a trial crushing from which averaged 13dwt. per ton.

THE CANADIAN MINE.

Stuart Town.

STUART TOWN DIVISION.

Proprietors: W. H. Dunk and party, 83 Wells-street, Redfern, Sydney.

Manager: W. H. Dunk.

• CONSOLIDATED GOLD MINE. Hill End.

HILL END DIVISION.

DAISY BELL CLAIM. Wheatfield.

SOFALA DIVISION.

Proprietors: Henry Frank McCudden, Wheatfield, Wattle Flat.

Development: Main shaft 104ft., air shaft 80ft.

Yields: Total, 43 tons for 10loz. 6dwt. gold.

Area: 12 acres.

Postal and Telegraphic Address: Wheatfield, Wattle Flat.

DREDGING LEASES. Macquarie River.

STUART TOWN DIVISION.

Proprietor: Charles L. Garland, 154 Phillip-street, Sydney.

Area: Special leases, about 16 miles. [See page 268.]

EDWARDS AND FITZSIMMONS.

Mookerawa.

STUART TOWN DIVISION.

Yields: The third crushing (12 tons) from this mine is reported as averaging over 15dwts. to the ton.

ELKIN'S EXTENDED CLAIM. Elkinville (late Back Creek).

RYLSTON DIVISION.

Proprietors: Elkin and party, Back Creek, Crudine.

Manager: W. Elkin, junr. Mine Manager: Phillip Otto. Development: Shaft 90ft., south level 56ft., north 37ft. driven.

Yields: 250 tons raised, average yield 15dwt. 18grs. per ton.

Area: 12 acres.

Postal and Telegraphic Address: Crudine, and Sofala.

The reef averages 2ft. in thickness.

* FISCHER, H. C. Golden Gully.

HILL END DIVISION.

* J. FITZSIMMONS AND PARTY.

Redfern line of Reef.

STUART TOWN DIVISION.

Yields: A trial crushing of 10 tons yielded 11dwts. to the ton.

FOUR ACES. Golden Gully.

STUART TOWN DIVISION.

Proprietors: Edwin Ilsley (senr.), Golden Gully, Stuart Town; William Ilsley (jnr.), Stuart Town.

Mine Manager: Edwin Ilsley.

Development: Underlie shaft sunk to a depth of 50ft., securely timbered. Level driven south to a distance of 20ft., securely timbered. The vein from the north level stoped to surface. Hauling power, horse and whip.

Yields: Gold picked out of vein, and rich specimens dollied, yielded 65oz.; 11 tons of seconds crushing yielded 14½oz. retorted gold. Total yield to date, 79½oz.

Area: 5 acres.

Postal and Telegraphic Address: Golden Gully, Stuart Town.

This property consists of a well-defined clay vein bearing north and south, underlying east. Small quartz leaders, both in hanging and foot wall, intersect clay vein, and rich gold is won at point of intersection of quartz leaders

and clay vein, in the form of bunches or pockets of ironstone. Engaged at present taking out crushing from surface along cap of clay vein. It is intended to sink main shaft to a depth of 150ft., and the proprietors confidently expect to strike rich stone, as country is considered very promising.

* GARNET WOLSELEY MINE.

Surface Hill.

WATTLE FLAT DIVISION.

GREAT BOULDER MINE. Wattle Flat.

WATTLE FLAT DIVISION.

Proprietors: G. Gellard, J. F. Foster, E. Gellard, W. King, Wattle Flat.

Development: Sunk 75ft., driven 12ft. Reef varying from 10in. to 2ft. 6in.

Yields: No crushing. About 4 tons stone at grass, highly mineralised, and

containing gold.

Area: 7 acres.

Postal and Telegraphic Address: Wattle Flat.

The mine makes a large quantity of water, and nothing can be done without machinery. Very rich stone has been obtained from the reef.

GREAT VICTORIA GOLD MINE CO., Ltd. Wattle Flat.

WATTLE FLAT DIVISION.

Registered Office, Worcester House, Walbrook, London, E.C.

Registered: 13th April, 1896.

Directors: L. R. Nettre, David T. Arnott, Arthur Weber.

Advisory Board in Australia: Alfred Argles, J. J. Porter.

Secretary: P. H. Stainsbury.

Area: 20 acres.

Postal and Telegraphic Address of Mine: Wathle Flat.

This company was registered to acquire and work gold mining property, consisting of 10-acre blocks held under gold lease, adjoining each other on a line of reef extending about 1,600ft. on its course. The property is situated within a few hundred yards of the township of Wattle Flat, and 25 miles by road from Bathurst.

* GRICE AND PARTY. Riley's Creek Reef.

WATTLE FLAT DIVISION.

Received aid from the Prospecting Vote during 1896 to drive tunnel.

HALL AND CLARKE. Clyne's Gully.

HILL END DIVISION.

Yields: Are reported on 6th December to have crushed 8 tons for a yield of 56oz.

HALPIN'S SECRET GOLD MINES, N. L. Box Ridge.

SOFALA DIVISION.

Registered Office: 12 O'Connell-street, Sydney.

Capital: £22,000 in 88,000 shares of 5s. each; 54,000 fully paid-up, and 18,000 contributing shares paid to 4s. issued vendors in payment for property.

Directors: S. W. Moore, M.L.A., J. C. Alexander, J. Curtin, and C. Knoblanche.

Legal Manager: Darrell A. Bensusan.

Postal and Telegraphic Address of Mine: Box Ridge, near Sofala.

Not worked for some time.

* HARRIS AND SPEARS. Mountain Yiew.

STUART TOWN DIVISION.

* HAWKIN'S HILL GOLD MINING CO. Hawkin's Hill.

HILL END DIVISION.

HEYNEY'S REEF MINING SYNDICATE. Wattle Flat.

WATTLE FLAT DIVISION.

Proprietors: The Australian Mining and Investment Co.

Manager: Russell Barton, 14 Castlereagh-street, Sydney.

Mine Manager: David Kirkwood.

Development: Underlay workings on two distinct reefs, 240ft. and 100ft. deep, respectively. Reefs opened out 300ft. along the line of reef, varying from 18in. to 3ft. 6in. wide. Prospecting perpendicular shaft being sunk, now down 191ft.

Yields: 2,000 tons stone, averaging loz. 8dwts. per ton.

Area: 12 acres.

Postal and Telegraphic Address of Mine: Wattle Flat.

Complete 8-horse winding and pumping plant. The trend of the reef is north, underlying to the west. It is a true fissure reef, and settled slate country.

HILL END UNITED GOLD MINE.

HILL END DIVISION.

This Mine (formerly the Hill End Consols) has been idle for some time. The leases and plant have recently changed hands. 15-head battery, engine, &c.

HOGAN'S REEF. Wattle Flat.

WATTLE FLAT DIVISION.

Proprietors: Frank J. Foster, G. Gillard, E. Gillard, and W. King, Wattle Flat.

Manager: Frank J. Foster. Mine Manager: G. Gillard. Development: 2 shafts, about 50ft. apart, 50ft. deep; third shaft, 40ft. deep. The latter has been stoped for a distance of 40ft. Crushing averaged 1½oz. per ton. A fourth shaft, in centre of claim 75ft. deep, is being at present worked, opening out at 70ft. level. A winding plant is to be erected, and shaft sunk to a depth of 125ft. and driven 100ft. Work has been suspended pending erection of machinery.

Yields: Several thousand pounds worth of gold; amount uncertain. No crushing yet this year, though at present working on rich stone.

Area: 800ft. by 400ft.

Postal and Telegraphic Address: Wattle Flat.

The vein varies in width from 10in. to 2ft. 6in.; has been worked at times for several years past, but abandoned at 50ft. level because of water which required winding or pumping gear to deal with. Character of stone, highly mineralised, and requires special treatment. Gold, coarse and fine, shows freely through stone.

* **MOLLAND AND DICK.**

Tabrabucca.

RYLSTONE DIVISION.

* HOWARD AND LAWSON.

Horseshoe Reef.

HILL END DIVISION.

Government aid was granted to cross-cut from bottom of their 80ft. shaft in search of the reef. They were successful in striking the reef which yields at the rate of ½oz. of gold per ton.

* JEFFERY BROS. AND PARTY.

Hill End.

HILL END DIVISION.

LEIGHTON'S REEF.

Crudine.

SOFALA DIVISION.

Proprietors: Leighton and party, Crudine or Capertee.

Development: Two shafts, 65ft. each; 75 tons stone ready for battery.

Yields: A trial crushing of 18 tons stone taken from a big blow about 8ft.

in thickness gave an average yield of 10dwts. per ton.

Area: 5 acres, lease.

Postal and Telegraphic Address: Sofala and Crudine.

North end adjoins Elkin's Extended, from which 254 tons stone has been crushed for an average yield of 15dwts. 18grs. per ton. The progress of the field has been retarded for want of machinery.

* LITTLE NUGGETTY CLAIM.

Surface Hill.

WATTLE FLAT DIVISION.

Froprietors: Smith and party.

* LITTLE YAHOO MINE.

Macquarie River.

STUART TOWN DIVISION.

Proprietors: Campbell and party.

• LORENTZEN, C. L., AND PARTY Dam Creek.

WATTLE FLAT DIVISION.

THE MACQUARIE GOLD CO., Ltd.

HILL END DIVISION.

Registered Office: 93 Pitt-street, Sydney. Name of Mine: Pulley's Bald Hill Mine.

Registered: 17th March, 1896.

Nominal Capital: £7,500 in 7,500 shares of £1 each.

Issued: £7,500.

Called up: £7,500.

Directors: T. H. Kelly, F. W. Learoyd, J. E. Briscoe, F. Stoltenhoff, C. G. Warnford Lock, M.I.M.F. (Managina)

Warnford Lock, M.I.M.E. (Managing).

Secretary: W. Tarleton.

Mine Manager: James Newton.

Development: Main tunnel, 849ft.; block drives, 732ft.; 3 Tangye pumps, 1,600ft. of 10in. pump column, 5,000ft. of light distributing pipe, boilers, trommel sluice boxes, etc.

Area: 168 acres leased from the Crown.

Postal and Telegraphic Address of Mine: Pulley's Bald Hill, Macquarie River, Hill End.

This Company was formed to work a portion of the auriferous gravel beds lying some 600ft. above the present Macquarie River and overlaid by some 80ft. of basalt capping. These gravel beds represent the remains of a long extinct river channel which in the main followed much the same course as the present Macquarie.

* THE MADMAN'S MINE.

Stuart Town.

STUART DOWN DIVISION.

Stoping is reported to be progressing from the 150ft. level, and 100 tous of ore said to be at grass.

MAGENTA MINE.

SOFALA DIVISION.

Proprietors: Webb and party.

Development: 8 H. P. winding engine.

Postal and Telegraphic Address: Sofala.

A co-operative company. The mine is a very wet one.

* MANSFIELD MINE.

Spring Creek.

WATTLE FLAT DIVISION.

LA MASCOTTE GOLD MINE.

Stuart Town.

STUART TOWN DIVISION.

Idle at present.

• MONARCH GOLD MINING SYNDICATE.

Surface Hill.

WATTLE FLAT DIVISION.

Area: 80 acres lease, and battery site.

MOUNTAIN VIEW CLAIM.

Back Creek, Crudine.

HILL END DIVISION.

Proprietors: Carl H. Williams Boesenberg, John Longmore, Hill End.

Manager: C. H. W. Boesenberg.

Development: Ground worked about 80ft. along the line of reef to a depth of 22ft., said to be very rich. There is also a shaft 108ft. deep between main walls, but up to the present there is no sign of any reef. The plant used is the ordinary windlass for hand power.

Yields: 5½ tons quartz, 5½oz. retorted gold. The yield would have been larger had there been a crushing plant on the ground.

Area: 5 acres.

Postal and Telegraphic Address: Back Creek, Crudine, Hill End.

This claim is an old one which was worked 16 or 17 years ago. There are about 30 men on the field, and about 150 acres leased

* MULLANEY AND GOUGH.

Sally's Flat.

HILL END.

This party received Government aid to drive from the bottom of their 100ft. shaft., and were successful in striking a good run of loz. stone. They have a payable claim, and good prospects.

* NEWCASTLE AND STOCKTON GOLD MINING CO.

Surface Hill.

WATTLE FLAT DIVISION.

NO MISTAKE CLAIM.

Hill End.

HILL END DIVISION.

Proprietors: James Anderson and Son, Hill End.

Development: Shaft 100ft.

Yields: 30oz. 6dwts. from 41 tons.

Area: Two men's ground, held by miner's right.

Postal and Telegraphic Address: Hill End.

Country very hard, vein small, but expected to prove payable at greater depth.

* O'BRIEN AND PARTY.

Skid Hollow.

WATTLE FLAT DIVISION.

* OLD SOLITARY MINE.

Wattle Flat.

WATTLE FLAT DIVISION.

Proprietors: Brailey and Party.

* ON GUARD MINE. Hill End.

HILL END DIVISION.

* O. K. MINE.

WATTLE FLAT DIVISION.

The tributors were reported to be raising good stone in October, which it was expected would yield an ounce to the ton.

* PAXTON'S MINE.

Hill End.

HILL END DIVISION.

* PERSEYERANCE GOLD MINE. Stuart Town.

STUART TOWN DIVISION.

THE POOR MAN'S MINE.

STUART TOWN DIVISION.

Proprietors: Jos. Elliott and Co., Stuart Town.

Manager: Joseph Elliott.

Development: 10-head stamper battery, steam winch. A 6ft. wide auriferous dyke is being worked through an underlay shaft at a depth of over 200ft. Two smaller reefs run parallel to the above, both payable, but at present are not being worked.

Yields: From February to 11th September, 1897, 383 tons for 137oz. 9dwts.

Area: 31 acres.

Postal and Telegraphic Address: Stuart Town.

This property is just passing out of the development stage, having been taken on for testing purposes, and as frequent assays prove that half the gold

contents of the ore is being lost for want of concentrating appliances the mine it is considered, may be classed with the payable mines of the colony.

(A crushing was reported on the 13th November of 120 tons for a yield of 9dwts. per ton).

THE PRINCESS MINE.

Stuart Town.

STUART TOWN DIVISION.

Yields: A crushing of 10 tons for a yield of 1oz 14dwts to the ton was reported on November 13th. The blanketings have been saved for future treatment. The ore is heavily charged with galena and arsenical pyrites.

QUEENSLANDER GOLD MINE.

Sofala.

SOFALA DIVISION.

Proprietors: Johnson and Neales, Adelaide.

Consulting Engineer: Edwd. W. Finch, 63 Pitt-street, Sydney.

Development: Quarry face opened up on two sides. Width proved 160ft., depth, 120ft. About 80,000 tons ore in sight. Value of ore about 8dwts. A 10-head stamper battery on property.

Area: 25 acres.

Postal and Telegraphic Address of Mine: Sofala.

Want of water has prevented any profitable work being done for 12 months past. A much larger milling plant and cyanide works are required; also different sites of battery and tramway to connect battery with mine. Negotiations for capital for above purposes pending.

REDFERN MINE.

Stuart Town.

STUART TOWN DIVISION.

Proprietors: Stains and party.

REILLY'S CREEK AMALGAMATED GOLD MINE.

Wattle Flat.

WATTLE FLAT DIVISION.

Proprietors: A. D. Carmichael, R. Clark, A. Kelly, M. Mackie, J. Smith, Wattle Flat; C. Gilbert, St. Marys.

Development: The machinery consists of one 6-head steam-power stamper battery.

Yield: From 3rd June, 1896, to August 24th, 215 tons were crushed fo 106oz., and for the three weeks ending September 15, 1897, 44 tons washed up yielded 21½oz. of gold.

Area: 14 acres.

Postal and Telegraphic Address: Wattle Flat.

The mine was closed from January to June for want of water. No labour except that of the owners is employed. The property is situated about two miles from Wattle Flat, on the eastern side of Big Oakey Creek, and about one mile south from the Big Oakey Mine. It was originally opened about 30 years ago, but soon abandoned. Four years ago the present owners took up the ground, and erected a 6-head stamper battery on Reilly's Creek, about 300ft. east, and parallel with the vein.

O ROBERTS AND PARTY.

Clyne's Gully.

HILL END DIVISION.

SECRET MINE.

(Redfern Line of Reef.)

STUART TOWN DIVISION.

Proprietors: E. Fitzsimmons and party.

Reported in November to have crushed 17 tons for a yield of loz. perton.

* G. and E. SINCLAIR. Blue Reef, Oakey Greek.

WATTLE FLAT DIVISION.

The stone is reported to be highly mineralised.

* W. SINCLAIR & PARTY. Limekilns, Wattle Flat.

WATTLE FLAT DIVISION.

A battery is in course of erection.

J. SORENSON & PARTY.

The Chump or Iron Duke Line of Reef, Stuart Town. STUART TOWN DIVISION.

Development: No machinery. The reef runs flat, and it is worked from a series of shafts, the deepest being about 70ft., the shoots going as high as 2oz. About 180 tons of stone has been crushed by different parties, for an average of 9dwts.

Area: 4 acres.

Postal and Telegraphic Address: Stuart Town.

Formerly the late J. Curnow held and worked this property with very good results. The line was worked thirty-three years ago, and some very rich finds obtained. It is one of a series of flat reefs numerous in the locality. They all carry gold more or less, but none of them have been opened up sufficiently, as the work has been done by working men. The stone is highly mineralised from 50ft. down.

STUART TOWN GOLD MINES, Ltd.

STUART TOWN DIVISION.

Registered: 17th February, 1897.

Registered Office: 15 George-street, Mansion House, London, E.C.

Capital: £80,000, in 120,0 0 shares of 5s. each. 90,000 shares were offered for subscription in February, payable 1s. on application, 1s. on allotment, and the balance in calls of sixpence, as required, at intervals of not less than three months.

Directors: Major De Winton (Chairman), J. Sykes Wright, John Findlay,

J. H. Collins, F.G.S.

Secretary: Richard Lewis Hobbs,

Mine Manager: Alec W. Marshall.

Development: Main shaft 860ft. deep, to be sunk 400ft. Shaft 11ft. Gin. by 4ft. 6in. Only light winding engine erected so far. No. 5 shaft, 100ft., to be sunk 200ft. No. 2, 3, and 4 shafts about 70ft. deep, on vein. Crosscut to No. 2 vein from main shaft cut payable vein. Two dams built and another partly built. Work is confined entirely to development.

Area: 89 acres.

Postal and Telegraphic Address of Mine: "Marshall," Stuart Town.

The Post Office Mine and adjoining properties, situated close to Stuart Town railway station, were acquired by this Company, £17,000 being the purchase consideration; payable, £7,500 in shares, and the balance in cash or shares. The Emma Company, the vendors, were the promoters.

No crushing plant erected yet. About 6,000 tons of good payable quartz opened out above 200ft. level; payable quartz also going down on No. 5 shaft.

* SULLY'S CLAIM.

Yahoo.

STUART TOWN DIVISION.

Reported in September to be turning out well, and a good many hands employed.

SURFACE HILL GOLD MINING CO., N.L.

WATTLE FLAT DIVISION.

Registered Office: 76 Pitt-street, Sydney.

Date of Registration: 11th February, 1896.

Nominal Capital: £1250.

Issued: 17 paid up, 33 contributing.

Amount Called Up: £23 10s. per share.

Directors; E. H. Brady, 194 Queen-st., Woollahra; J. G. Moon, 88 William-

st.; F. M. Thallon, Neutral Bay; John Jackson, 86 William-st., Sydney;

- J. 🔩

H. T. Parr, Wahroonga.

Legal Manager: Chas. E. Little.

Development: Tunnel, 410ft.

Area: 7 Acres.

Postal and Telegraphic Address: Wattle Flat.

TAMBAROORA CREEK GOLD MINE, Ltd.

Tambaroora.

HILL END DIVISION.

Registered: 4th July, 1895.

Registered Office: 19 St. Swithin's Lane, London, E.C.

Capital: £50,000 in 50,000 shares of £1 each.

Issued: 34,907 and fully paid up, including 34,500 issued credited as paid.

The Wentworth Extension, Limited, provides £15,000 for the purposes

of the Company, and has a three-tenths interest in the property.

Directors: J. J. Cooper, Charles Critchett, W. M. Farmer, F. L. Gardner

J. E. Dudley Ryder.

Secretary: Frank F. Fuller.

Local Secretary: John Gainford, 18 Bridge-st., Sydney.

Local Manager: J. Kemp Charleston.

Development: The Company is continuing the work commenced by the Red

Hill Co. at Tambaroora. The plant consists of 16 stamps, and the usual

gold-saving appliances.

Area: 36 acres.

Postal and Telegraphic Address: Tambaroora via Hill End.

Registered to carry into effect an agreement made with J. K. Charleston for the acquisition of a leasehold mining property of 36 acres, situated in the County of Wellington. The purchase consideration was £34,500 in fully paid shares.



Stuart Town.

STUART TOWN DIVISION.

Proprietors: Richard Harris and party.

Manager: W. H. Barlow.

Mine Manager: A. Field.

Development: Straight shaft 150ft., two drives from the 150ft. level 100ft. south, and 50ft. north; three underlay shafts 100ft. 90ft., 80ft., respectively, driven and stoped for 400ft. along line of reef, which averages 2ft. in width, and 1½oz. per ton. Plant: One 6-horse power winding engine.

Yields: Estimated 2,000oz.

Area: 24 acres.

Postal and Telegraphic Address: Stuart Town.

Owing to a dispute among shareholders the mine has been idle for a considerable time this year, only 80 tons being raised which yielded loz. per ton.

* TURON GOLD MINES, Ltd.

Spring Creek.

WATTLE FLAT DIVISION.

Local Secretary: George Robson, Post-office Chambers, Pitt-street, Sydney.

VALENTINE CLAIM.

Hill End.

HILL END DIVISION.

Proprietors: D. McKenzie and W. McCudden, Tambaroora.

Manager: W. MacCudden.

Development: 1 shaft, 130ft.; no machinery.

Yields: Stone averages from 9dwts. to 2½oz. Two crushings of 40 tons for

23oz. gold.

Area: 7 acres.

Postal and Telegraphic Address: Hill End.

This claim has been worked for many years, and has produced stone as rich as 40oz. to the ton.

* WEARNE AND SONS.

Stuart Town.

STUART TOWN DIVISION.

WILLIAMS' CASEY'S HILL MINE.

Wattle Flat.

WATTLE FLAT DIVISION.

Proprietor: F. Williams, Wattle Flat.

Manager: F. Williams.

Development: Main shaft, 65ft. on No. 1 reef. Drives 85ft. east, 50ft. west; reef, 18in. to 2ft. No. 2 reef, about 100ft. east of No. 1 reef, about 2ft. wide, exposed by open cuts; No. 3, about 120ft. west of No. 1, about 2ft. wide, exposed by small drive into hill.

Yields: 200 tons trial crushing from all reefs gave 170oz. of smelted gold; 40 tons from Nos. 1 and 2 reefs recently tried gave 34oz. smelted gold. Postal and Telegraphic Address: Wattle Flat.

A tunnel is being driven into the hill to intersect the main No. 1 lode. No. 1 lode is about verticle, and No. 2 lode is underlying towards No. 1, and should junction with No. 1 at about 200ft. No. 3 lode is a distinct lode. A trial crushing of 14 tons (stone taken as it came) gave a return of loz. to the ton. The gold brings £3 16s. 6d. per oz. Good facilities for working, as the height from the creek level of the hill is fully 250ft., and the reefs can be worked by means of tunnelling. Abundance of timber, good site for battery, and facilities for conserving water, which, except in drought, is running at foot of lease.

UNCLE TOM'S HILL CLAIM.

Wattle Flat.

WATTLE FLAT DIVISION.

Proprietors: Cheeney and Party.

Development: Tunnel, 450ft., driving east, 250ft. in cross-cutting on galena veins 30ft.

Area: Prospecting area.

Postal and Telegraphic Address: Uncle Tom's Hill, Wattle Flat.

YOUNGER'S CINNABAR MINE.

Rylston.

RYLSTON DIVISION.

Proprietor: C. Arthur Younger.

Development: Three shafts have been sunk at a depth of 50ft. each, and driven 100ft. along with three cross-cuts from each shaft in Devonian strata.

Yield: None except in wash of fine 90 per cent. mercurial cinnabar.

Area: 80 acres.

Postal and Telegraphic Address: Rylstone.

The cinnabar at present is found impregnated in clay seams adhering to ironstone, but no actual heavy deposit has been come across, although in a heavy seam 6ft. wide of bog manganese, the cinnabar is found in small deposits.



Tumut and Adelong Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned.)

This district embraces twenty divisions in the Southern interior of the colony.

The official known yields in the various divisions for 1896 were:—

Albury	. 1,050oz.	Adelong	2,754oz.
Wallbundrie	. 884 ,,	Batlow	1,350 ,, (alluvial).
Germanton	. 20 ,,	Tumberumba	3,021 "
Corowa	. 75 ,,	Narrandera	844 "
Cooma	, 1,682 ,,	Kiandra	777 "
Nimitybelle	150 ,,	Bungendore	363 "
Gundaroo	195 "	Welaregang	1,000 ,,

COMPARATIVE statement of average yields for 1895-96 from alluvial mines in the Tumut and Adelong Mining District where the quantity of stuff treated has been ascertainable:---

1005

1895.		1896.			
Quantity, 200 loads	•••	1	20,524 loads.		
Average per ton, 1dwt. 12gr	8	•••	6 grs.		
Yield, 15oz		•••	1,465oz. 13d	wt.	
*Nearly all returned in the Batlo	w Divis	ion.			
COMPARATIVE statement of average	e (know	n) yield:	s from quartz 1	nines for	
5.96	·	, -	-		

1000

Com 1895-96 :---

1895.	189 6.
Quantity, 5,448 tons	6,160 tons
Average per ton, 18dwts. 23grs	8dwts. 12grs.
Total yield of gold, 5,210oz. 1dwt	2,626oz. 121dwts. 14grs.

The Adelong Division showed a reduced output of over 1,000oz. in 1896 compared with the preceding year, traceable to the large quantity of stone raised but not treated. It was officially estimated that the yield for the current year would be 9,000oz., a forecast which would appear to be sound, as the production for the month ending October 22, amounted to 1,620oz., and for the month ending 18th November 2,310oz., including 82oz. from Tumberumba. Gold was first discovered in quartz in the Adelong district in 1857, and it was the first field in the colony to obtain the Government reward for the finding of payable gold at 800ft. and 1,000ft. The Gibraltar Consolidated Gold Mining Company is the principal mine, the company having expended a very large sum in putting the mine in first class order and erecting efficient machinery. Mining, however, has generally been carried on by small parties who have merely tested the ground to the water level. Several spots have still attraction for the fossicker.

At Captain's Flat almost every available piece of ground both north and south of the Lake George Mines property has been pegged, and several properties have been floated. Until comparatively recently the whole of the mining in this division was represented by the work carried on by the Lake George Mine, Limited. This mine produces copper principally, but also quantities of silver, and gold and lead in lesser proportions, the total value of the output for eleven months of 1896 being £24,608. The mine employs a very large number of men.

SILVER is mined at Captain's Flat. The Lake George Mine, Limited, produced over 70,000oz. The ore also contains lead in considerable quantities. Silver ore is also found in the Queanbeyan and Kiandra divisions.

COPPER was produced by the Lake George Mine, Limited, during 1896 to the amount of 205 tons, valued at £10,274. The Talbinga Copper Mine, at Kiandra, is also producing this metal, and it is also found in the Yass division.

* ADELONG PROPRIETARY GOLD MINING CO., Ltd.

· · Adelong.

ADELONG DIVISION.

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193 CLARENCE ST., SYDNEY.

THE ALBURY ALLUVIAL MINING CO.,

Black Range.

ALBURY DIVISION.

Secretary: J. Colquhoun.

Development: Prospecting only at present. Insufficiently developed for

description.

BILLY'S REWARD.

Bulgandra.

WALBUNDRIE DIVISION.

Proprietors: Neill, Hewitt, and Parnaby.

Manager: B. Hewitt.

Yields: 64oz. 17dwts. 12grs. Last crushing, on 28th September, 14oz. 1dwt.

12grs. from 37 tons of mullock.

Area: 5 men's ground.

Postal and Telegraphic Address: Walbundrie Reefs, Bulgandra.

BLACK APPIN GOLD MINE.

Bowna.

ALBURY DIVISION.

Proprietors: Gibson & Macpherson.

Mine Manager: Hugh Gibson.

Development: Two shafts 40ft. each, public battery close at hand.

Yield for this year: 184oz. from 127 tons stone.

Area: 15 acres.

Postal and Telegraphic Address: Bowna.

Situated on private land on Rotherfield Estate, from the owners of which the mine proprietors have a 20 years lease at a royalty of 7½ p.c.

* BLACK RANGE ALLUVIAL LEAD GOLD MINING CO., Black Range.

ALBURY DIVISION.

BLUE REEF MINE. Adelong.

ADELONG DIVISION.

Proprietors: G. H. Woods & Party.

Development: Driving north from the bottom of the main shaft (100ft),

have struck good stone.

Postal and Telegraphic Address: Adelong.

* BONGONG REEFING CO. Near Kiandra.

WELAREGANG DIVISION.

BOODLE'S CLAIM. Bywong Reef.

BYWONG DIVISION.

Proprietor: J. H. C. Harper, Bywong Reef.

Manager: J. H. C. Harper,

Mine Manager: J. H. C. Harper.

Development, including plant: Main shaft 40ft. in N.W corner; size of shaft 6ft. x 3ft., 10ft. of underlay to E. underlay 1 in 5; reef at present about 15in. wide, with 3ft. formation of rubbly description, but in places quartz, solid and charged with pyrites of promising nature, interspersed with porous slate, ironstone indications; reef widening as deeper sinking is resorted to. Foot wall carries reef; shoot of the load dipping south. The prospects from this clain have been very satisfactory. The owner's intention is to sink a shaft 300ft.

Yields: The lease having only just been granted, merely prospecting work has been done.

Area: 10 acres.

Postal and Telegraphic Address: Bywong, via Bungendore.

Boodle's Claim practically covers the underly of the well-known prospect ing and pioneer mine owned and worked by Messrs. Cartwright & Robbins, and with development and judicious and careful management should rank as a first-rate property.

BRITTEN & PARTY. Middle Flat.

COOMA DIVISION.

This party discovered gold at Middle Flat, five miles from Cooma situated on the freehold of Messrs. Goodwin, in diorite formation. A trial crushing taken out by them from near the surface averaged loz. 8dwt. per ton. The quartz vein occurs in lenticular blocks. Mr. 8lee, the Chief Inspector of Mines, reporting on the discovery, stated that although the strike at Britten's vein is north-east, indications are not wanting that discoveries will be made of quartz veins in the diorite formation, whose strike will be towards nearly all points of the compass. The formation stretches from Britten's reef to within one mile of the town of Cooma, and the veins will occur in lenticular shaped blocks. Probably not one will reach a continuous length of 100ft. Prospectors are advised to do their work by trenching, and not sink until a shoot of gold has first been discovered.

BULGANDRA LONE HAND GOLD MINING CO. Albury.

WALBUNDRIE DIVISION.

Proprietors: F. W. Tietyens, Dean-street, Albury (for a syndicate).

Yields to date: About 1,100oz.

Area: 18 acres.

Postal and Telegraphic Address: Albury.

The mine has just been purchased by the above company.

BUNGOWANNAH MINE.

ALBURY DIVISION.

Situated eleven miles from Albury. In the past a large amount was spent working an immense outcrop of quartz. Owing to the refractory character of the stone at the lower depths it was found impossible to extract the gold, though expensive machinery was erected. The addition of a cyanide plant is now proposed—operations to commence on the tailings; and if these are found payable, a massive lode will be operated upon.

* BURRA SLUICING CO. Tumberumba.

TUMBERUMBA DIVISION.

* BUTT AND PARTY.

Bywong.

BYWONG DIVISION.

CALEDONIAN MINE.

Adelong.

ADELONG DIVISION.

Development: The drive north, at the 300ft. level 20ft. The stone is highly mineralised, and improving all the way.

* CARTWRIGHT, ROBBINS, SHARP AND PARTY.

Bywong.

BYWONG DIVISION.

The pioneer mine of the field. The quartz in this and adjoining claims occurs in lenticular blocks, and the gold in shoots.

* CASSIDY AND PARTY.

Dairy Creek.

BUNGENDORE DIVISION.

* CHALLENGER MINE.

Adelong.

ADELONG DIVISION.

This mine, after being comparatively idle for many years, was bought at auction by a local company in July, 1897. The main shaft having fallen in,

the winding machinery has been removed to the northern one, which is about 300ft. deep and in fairly good repair. Bailing is proceeding, and the owners anticipate striking the reef shortly.

* CHANT, NEWMAN AND BALFE.

Black Range.

ALBURY DIVISION.

THE CHARCOAL GOLD MINE.

Kiandra.

KIANDRA DIVISION.

Proprietors: M. J. Kumam, G. Roffen, Sydney; A. Reickmann, Jules Frostrom, C. A. Butcher, Joseph Patterson, Kiandra.

Mine Manager: A. Reickmann.

Development: Shaft 30ft., pumping plant.

Area: 10 acres.

Postal and Telegraphic Address: Kiandra.

COLE, RYAN, AND TORPEY'S MINE.

Adelong.

ADELONG DIVISION.

Proprietors: G. J. K. Cole, Mount Adrah; Margaret Ryan, David Torpey, Grahamstown.

Mine Manager: Geo. K. Cole.

Development: Main shaft 240ft. deep, and stoped up from the 190ft. levels.

Yields: About 460 tons of quartz treated at the Reefers' Battery (Wilson and Ritchie), Adelong, for about 1,100oz. gold; value about £4 per oz.

Postal and Telegraphic Address: Adelong.

Capital required to sink to a greater depth for mineral stone, country slate, with occasional bars of sandstone.

CONNORS AND PARTY.

Tumut.

TUMUT DIVISION.

Proprietors: James Connors, James Whatman, W. J. Shelly, William Sutton.

Mine Manager: The proprietors generally.

Area: 20 acres (leasehold) parish of Batlow, county of Wynard.

Postal and Telegraphic Address: Tumut.

JOSEPHINE CONSTABLE.

Tumut.

TUMUT DIVISION.

Manager: Marmaduke Constable.

Area: 20 acres (private land), parish of Wyangle, county of Buccleuch.

Postal and Telegraphic Address: Tumut.

* COOLGARDIE CLAIM.

Bywong.

BYWONG DIVISION.

COROWA DEEP LEAD GOLD MINING AND PROSPECTING CO., N. L.

COROWA DIVISION.

Registered Office: Corowa. Registered: August, 1895.

Nominal Capital: £30,000 in 30,000 shares of £1 each.

Issued: £5,000 paid up, and 25,000 contributing.

Amount Called up: 4s. per share on 25,000 to end of September, 1897.

Dividends: No dividends expected for two years. Calls are being made at 3d. per month, with two or three at 6d., probably to meet machinery purchase obligations.

Directors: Hon. J. A. Wallace, M.L.C. (Chairman), Messrs. Arthur H. Bray, John Cock, Thos. Parkin, D. C. Young.

Legal Manager: S. J. Chenhall, Corowa.

Engineer: Geo. Richards.

Clerk of Works: Jos. Jepson.

Development: Ground proved by boring; bore result exceptionally good; machinery and boilers purchased, and now being erected. The Company is to be subsidised in timbering, sinking and driving to extent of 50 per cent. by the N. S. Wales Mine Department (Prospecting Board).

Area: 620 acres.

Postal and Telegraphic Address: Corowa.

The Company is being vigorously developed, and claims to be the pioneer Company in the Corowa district for working the deep alluvial leads, believed to extend into N. S. W. from the Rutherglen district, which is now being extensively worked. It is operating under the 28rd section of the Mining on Public Lands Act with royalty of $2\frac{1}{2}$ per cent. to landowner, since reduced to $1\frac{1}{4}$ per cent. on gross yields of gold.

[The report of the Mines Department for 1896 states that much importance is attached to the operation of this Company, and the Department is doing everything possible in the way of assistance from the Prospecting Vote.]

COROWA DEEP LEAD GOLD PROSPECTING CO., N. L.

COROWA DIVISION.

Registered Office: Corowa.

Registered: 11th October, 1893.

Nominal Capital: £1,000, in 1000 shares of £1 each (to be proposed at the annual meeting of shareholders to be held on the 29th October, 1897, to increase to £2,000 and 1,230 nominal).

Issued: £770.

Called up: £770.

Dividends: Distribution made of five paid-up shares in the Corowa Deep-Lead Gold Mining and Prospecting Co., N. L., for the lease sold to that company.

Directors: Arthur H. Bray (Chairman), D. C. Young, Thos. Parkin, J. Chivell, A. Haig, Corowa; C. Pala, Melbourne; J. R. Bremner, Rutherglen.

Legal Manager: L. J. Chenhall.

Development: None on present lease. The whole of the money raised was expended in boring the 620 acres sold to the Corowa Deep Lead Gold Mining and Prospecting Co.

Area: 540 acres now, out of original lease under section 84, Mining on Private Lands Act.

Postal and Telegraphic Address: Corowa.

A boring and prospecting company purely and simply, which has been, and is still, subsidised by the Mines Department 50 per cent. on boring cost, and claims to have done exceedingly valuable work in promoting mining development. Originally a pioneer alluvial prospecting company for the district, and was promoted by the business people of Corowa, who were sanguine that equally good results to those obtained about Rutherglen could be got at Corowa, and the boring strongly supports that presumption. Much ground around Corowa is likely to be worked in the near future.

THE COWRA CREEK GOLD MINE.

Cowra Creek.

COOMA DIVISION.

Proprietors: C. H. Williams, Cowra Creek; and W. F. Umpleby, Peak Hill.

Mine Manager: C. H. Williams.

Development: Tunnel driven 180ft. along the line of reef; shaft at mouth of tunnel 10ft. Mine not developed. 10-head battery, engine, and pan, pumps, &c.

Yield: Mine and public stone crushed, about 1,600 tons, yields from 3dwt. to 3oz. per ton.

Area: 19 acres.

Postal and Telegraphic Address: Cowra Creek, and Cooma.

There are four batteries on the field engaged in public and private crushing. Numerous small leaders, and a few fair sized reefs, most of them undeveloped; not a shaft down 200ft. on the field.

Legal Manager: Jas. W. Tonkin.

Mine Manager: John Robyne.

Development: Total length of tunnel 628ft., total rises 140ft., air drive and prospecting tunnel 250ft., head race 11 mile and dam, 180ft. of sluiceboxes, and 130ft. of a ground tail race; trucks, rails, and everything required. The mine is in full working order.

Area: 50 acres.

Postal and Telegraphic Address of Mine: Kiandra.

GIBRALTAR CONSOLIDATED GOLD MINING CO., Ltd. Shephard's Town.

ADELONG DIVISION.

Registered Office: 6 and 7 Queen-street Place, London.

Australian Office: 8 and 9 Post Office Chambers, Sydney.

Registered: 21st September, 1895.

Nominal Capital: £300,000, in £1 shares fully paid up.

Directors: London—A. Hoffnung (Chairman), David Marks (Deputy-Chairman), Hon. Hubert Hanbury Tracy, Frank Taylor, Leopold Yates; Australia—Hon. Sir J. P. Abbott, K.C.M.G. (Chairman), Hon. Sir G. R. Dibbs (Deputy-Chairman), B. F. Marks, J. E. Vance.

Secretary: London: W. F. Garland; Australia—A. E. Bubb.

Consulting Engineers and Managers: Messrs. John Taylor and Sons.

Consulting Engineer in Australia: M. Eissler, M.I.C.E. (U.S.A.), M.I.M.M. (Eng.).

Development: 30-head battery, chlorination and cyanide works.

Area: About 230 acres.

Postal and Telegraphic Address: Shephard's Town.

Gold returned to 80th September, 1897, 7,395 tons for 17,525oz. gold. About 400 men employed.

GIBSON AND CO. Cumberoona, via Bowna. ALBURY DIVISION.

Yields: Reported to have cushed 40 tons in October for a yield of 46oz. gold.

GOLDEN FLEECE GOLD MINING COMPANY.

. Bowna.

ALBURY DIVISION.

Worked by a Company of six men on private property; owned by Messrs Plunkett Bros.

Mine Manager: H. Shultz, Cumberoona, Bowna.

Development: 8 H.P. engine, 5 head stampers,

Yields: Crushed 228 tons for 190 oz. smelted gold.

Postal and Telegraphic Address: Bowna.

* GOLLAGER & PARTY.

. Redlands.

COROWA DIVISION.

Reported to be working shallow alluvial profitably.

GOODWOOD CLAIM.

Bulgandra.

WALBUNDRIE DIVISION.

* GREAT VICTORIA GOLD MINE Adelong.

At present the deepest gold mine in the colony.

* HAWTHORNE AND PARTY.

Redlands.

COROWA DIVISION.

Reported to be working shallow alluvial profitably.

* HENICKES AND PARTY.

Back Creek.

TUMBERUMBA DIVISION.

HENRY, HARRIS, AND ELLIOT MEYER.

Tumut.

TUMUT DIVISION.

Mine Manager: John Dillon.

Area: Lease 28 acres, Parish of Wyangle, County of Buccleuch.

Postal and Telegraphic Address: Tumut.

* HILLSBOROUGH MINE.

Diggers' Creek.

ALBURY DIVISION.

Reported to have crushed 15 tons in September for a yield of 45oz.

* THE HILLSIDE QUARTZ MINING CO., Ltd.

COROWA DIVISION.

Registered Office: Sanger-street, Corowa.

Registered: 12th March, 1895.

Capital: £2,500.

Manager: W. H. Parkin,

* HOOPER AND PARTY.

Breeza Paddocks, Albury.

ALBURY DIVISION.

Yields: Reported to have crushed 9 tons, a large proportion of which was low-grade ore, for a yield of 3oz. to the ton.

* JOHNSON M'ALISTER AND PARTY.

Bywong.

BYWONG DIVISION.

* KERSHAW AND PARTY.

Dairy Creek.

BUNGENDORE DIVISION.

This claim is worked by an open cutting. Very rich specimens have been obtained yielding as much as 8oz. per ton.

KIANDRA GOLD MINE.

Kiandra.

KIANDRA DIVISION.

Proprietors: Augustus Robinson Winckler, Bowral; James Pattinson, Kiandra.

Mine Manager: James Pattinson.

Development: This is a hydraulic sluicing mine. The tail race tunnel is 35ft. under the gravel which carries the gold. The tunnel is driven a distance of 460ft., but must be carried on as sluicing operation advances. The tail race in tunnel is boxed, the boxes 3ft. wide, and are carried on for 600ft. outside the tunnel, making a total distance of boxed tail race of 1,060ft., two hydraulic giant nozzles being used with 130ft. of pressure.

Area: 29 acres.

Postal and Telegraphic Address: Kiandra.

Depth of ground being sluiced away at present, from 80ft. to 100ft.; 3,000,000 gallons water used daily.

THE KURRAJONG GOLD MINING CO., Ltd.

ADELONG DIVISION.

Registered Office: 122 Vickery's Chambers, 82 Pitt-street, Sydney.

Registered: 9th January, 1895.

Nominal Capital: £2,380, in 2,380 shares of £1.

Issued: 2,879 shares.

Called up: 15s. per share.

Directors: The Hon. Geo. Day, M.L.C., Legislative Council; H. L. Mellersh, 98 Pitt-street, Sydney; George Hayes, Margaret-street, Petersham; W. S. Coulter, 93 Pitt-street, Sydney; J. Sterling, 649 Dowling-street, Moore Park.

Legal Manager: Charles B. Roden.

Mine Manager: Samuel Phillips.

Development: Now let on tribute (winding plant). The tributors are on a 5ft. to 7ft. reef, and the returns for the last two crushings were 79oz. from 109 tons. Over £40,000 worth of gold has been taken out of this mine.

Area: 19 acres.

•

Postal and Telegraphic Address of Mine: Adelong.

* LADY MARY MINE.

The Gap Reef.

ADELONG DIVISION.

Yields: Crushed in 1896, 791 tons for 580oz.

LAKE GEORGE MINES, Ltd.

CAPTAIN'S FLAT DIVISION.

Registered Office: 11 Cornhill, London, E.C.

Melbourne Office: 34 Queen-st., Melbourne.

Sydney Office: 16 O'Connell-st., Sydney.

Mines: The Lake George Mines.

Registered: 8th October, 1896.

Nominal Capital: £150,000 in 150,000 shares of £1 each.

Issued: £150,000.

Called Up: £150,000.

Directors: The Earl of Suffolk, C. E. Bright, C.M.G.

Colonial Agents: Gibbs, Bright & Co., Melbourne.

London Secretary: R. M. Bird.

Local General Manager: W. H. Trewenack.

Sydney Agent: R. N. Kirk.

Area: 718 acres 271 perches.

Postal Address of Mine: Via Bungendore; Telegraphic: Captain's Flat.

LAKE GEORGE NORTH MINES, N.L.

COOMA DIVISION.

Registered Office: 359 Collins-street, Melbourne.

Date of Registration: September, 1897.

Nominal Capital: £100,000.

Issued: To public £50,000, paid up to 4s.; to vendors 50,000, paid up to 4s.; to vendors 20,000, fully paid up.

Called up: £5,000, placed to credit of Company less Brokerage and Preliminary Expenses.

Directors: Murray Puckle, W. H. Hyndman, Dr. F. G. Hamilton

Legal Manager (pro. tem.): John L. Wharton.

Area: About 250 acres, held under lease and lease application.

Postal and Telegraphic Address: Captain's Flat, Cooma.

This property immediately adjoins the Lake George Mines, and it is expected that the main reef of this mine passes through these blocks going north.

LAKE GEORGE PROPRIETARY CO. N.L.

CAPTAIN'S FLAT DIVISION.

Registered Office: 131 Pitt-street, Sydney.

Mine: Lake George Proprietary Mine.

Registered: 6th May, 1897.

Nominal Capital: £2,400 in 48,000 shares of 1s. each; 30,000 shares issued as fully paid up.

Directors: Hon. Henry Copeland (Chairman), Austin Chapman, John Perry Parliament House, Sydney; Henry L. Nathan, Liverpool-street, Darlinghurst; John Lee, Sussex-street, Sydney.

Legal Manager: Leonard Dodds.

Mine Manager: W. C. Russell.

Development: Since formation the company has been sinking shafts to cut the copper creek load at south end: shaft at north end on a likely looking silver lead lode.

Postal and Telegraphic Address: Captain's Flat.

LAKE GEORGE SOUTH MINES. (To be Registered as a No Liability Company).

COOMA DIVISION.

Capital: 100,000 shares of £1 each: 50,000 shares offered the public at 4s. per share; 30,000 shares paid up to 4s. retained by vendors, and also 20,000 shares fully paid up. £5,000 will be placed to the credit of the Company clear of all expenses.

Provisional Directors: Reginald A. F. Murray, F.G.S., Alex. Oliver, Wm. Bell Jackson, G. Geo. Crespin, J.P., Melbourne.

This Company is formed for the purpose of acquiring those sections contained in mineral lease applications 85 and 86, comprising an area of 120 acres or thereabouts, situate Captain's Flat, New South Wales, and to the south of the Lake George Mines.

LETT J. M.

Kiandra.

KIANDRA DIVISION.

Government aid was granted in 1896 to drive a tunnel about 1,000ft.

LEWIS AND PARTY.
Cowra Creek, Cooma.
COOMA DIVISION.

Development: 5-head stamp battery, engine, etc.

* LITTLE WONDER CLAIM. Bywong.

BYWONG DIVISION.

* LIVERMORE, HOOPER, AND PARTY. Stony Park.

ALBURY DIVISION.

* LOBB'S HOLE COPPER MINE.

Cooma.

Proprietors: A Sydney Syndicate.

Development: Pumping gear and machinery have been erected, and develop-

ment is being pressed forward in three shafts.

Yields: A ten ton sample was treated in Sydney with satisfactory results.

LONE HAND PROSPECTING CLAIM.

Mac's Reef.

BUNGENDORE DIVISION.

Proprietors: James R. Whyte, Richard Butt, and James Tully.

Mine Manager: The proprietors.

Development: One shaft 100ft., and about 100ft. drives. No machinery of importance.

Yields to date: 175 tons stone for 217oz. gold. The gold is worth £4 2s 6d. per smelted oz.

Area: 41 acres.

Postal and Telegraphic Address: Mac's Reef, Bungendore.

The country is chiefly slate and diorite. The reef averages from 15in., to 18in., showing fair gold throughout. It runs north and south with a slight underlay to the east.

This is a part of the country which has never received enough attention from capitalists. The greatest depth at which a reef has been tested is 100ft. There are numerous good shows in the vicinity which would be worth the

expenditure of capital to test them at a depth. The reefs are of a fair size and almost free from mineral, and some of them have had very rich patches, of gold.

THE LONG TUNNEL SYNDICATE. Mac's Reef.

BUNGENDORE DIVISION.

Proprietors: Edward E. Hole, Sydney; William Branagan, Bywong.

Manager: E. E. Hole.

Mine Manager: Wm. Branagan.

Development: Over 400ft. of a tunnel, besides other work on the lodes at

surface.

Area: 1,280ft. by 400ft.

Postal and Telegraphic Address: Mac's Reef, Bywong.

Various lodes have been met with carrying large bodies of minerals as wide as 80ft.

THE LOWE AND ALCHIN CENTRAL GOLD MINING AND QUARTZ MINING CO., N.L.

BUNGENDORE DIVISION.

Registered Office: The Mines, Bywong.

Date of Registration: July 20th, 1896.

Nominal Capital: £4,000.

Issued: All.

Called Up: 30s. per share.

Directors: Frederich Pennen, S. W. Hilchings, Sydney.

Legal Manager: Henry Brown.

Mine Manager: Henry Brown.

Development: Main engine shaft, dam, &c., &c. Ordinary staff, 2 miners.

Area: 25 acres, leasehold.

Postal and Telegraphic Address: Bywong.

DR. MASON AND THOS. KEEFE.

Tumut.

TUMUT DIVISION:

Mine Manager: The proprietors.

Area: 25 acres leasehold, parish of Wyangle, county of Buccleuch.

Post and Telegraphic Address: Tumut.

MOULT AND PARTY'S MINE.

Kiandra.

KIANDRA DIVISION.

Battery erected. Crushings reported to have averaged \(\frac{1}{2} \) oz. per ton; water troublesome.

MURRAY'S CLAIM.

Cowra Creek.

COOMA DIVISION.

Proprietor: —. Murray.

Development: 5-head stamp battery with water power.

NIMBLE SHILLING or PIONEER.

Walbundrie Reefs.

WALBUNDRIE DIVISION.

Proprietors: F. Gibbons, Walbundrie Reefs; and A. Gibbons, Jindera.

Manager: F. Gibbons.

Development: Shaft between 80ft. and 90ft. from surface. Drives 80ft.

Yields: 65oz. Ferruginous quartz, assaying up to 16oz. 11dwt. gold and

30z. 3dwt. 3gr. silver per ton.

Area: 240ft. by 400ft.

Postal and Telegraphic Address: Walbundrie Reefs.

Government aid applied for, but refused, partly on account of mine being situated on private property.

NORTH GIBRALTAR GOLD MINING CO., N. L.

ADELONG DIVISION,

Registered Office: No. 12 Post Office Chambers, Pitt-street, Sydney,

Nominal Capital: £12,000, in 30,000 shares of 8s. each.

Issued: 17,025 (reserved, 2,975), 10,000 fully paid up, and 20,000 contributing.

Called up: 1s. (first call 3d. per share, payable 10th November).

Directors: A. Geoffrey Edgar, J.P., Glebe Point; W. G. Judd, J.P., 60 King-street, Sydney; Isaac Doust, 60 King-street, Sydney; Frank Taylor, Tumut.

Legal Manager: George N. Halloran.

Mine Manager: Fred. W. Yates.

Development: Shaft sunk about 206ft.; drive 20ft.

Area: 20 acres.

Postal and Telegraphic Address of Mine: Adelong.

The mine adjoins the Gibraltar Consolidated on the North. Driving on lode formation, lode 2ft. wide, about 1ft. heavily mineralised. Indications very promising; about 1,000ft. of Gibraltar Consolidated reef supposed to run through the leases.

* O'ROURKE'S PROSPECTING AREA.

Gooda Creek.

QUEANBEYAN DIVISION.

Yields: A trial crushing of 8 tons treated in Sydney yielded 12½oz. per ton.

OLD SAM CLAIM.

Four Mile Creek.

GERMANTON DIVISION.

Proprietors: Wenden and Party.

Development: Battery and complete plant.

Yield: First crushing of 170 tons for 110oz.

Postal and Telegraphic Address: Germanton.

* PERKINS BROS.

Surface Hill.

ADELONG DIVISION.

Received Government aid during 1896 to continue their 56ft. shaft another 60ft.; and were successful in striking rich stone, a crushing from which of 32 tons 16cwt. yielded 67oz. 2dwt. retorted gold, and other 10oz. were expected from 2 tons of pyrites saved.

PERKINS' BUSHY HILL PROSPECTING CLAIM.

Cooma.

COOMA DIVISION.

Proprietors: Edward Perkins, C Solomon, J. E. Body, J. Shannon, Wm. Spicer (Cooma), and J. Solomon (Eden).

Secretary and Treasurer: William Spicer.

Development: Shaft 29ft., walls well defined.

Yield: None crushed or treated; 38 cwt. bagged, but will be increased [Reported to be turning out good stone with fine gold]

Area: Prospecting protection area over three miles from payable gold.

Postal and Telegraphic Address: Cooma.

Whilst two men were sinking a shaft about the centre of the claim, Messrs. C. Solomon and Spicer tried the south end, and obtained good prospects, which induced the party to open out there with most satisfactory results. At 6ft. a lode 4ft. was struck between well-defined walls dipping to the west. The gold is fine; and, in cases where it cannot be seen, yields payable prospects, from 1oz. to 300oz. per ton, but crushing in bulk is necessary to show the average.

POLAMEAR AND CONROY (near Albury).

ALBURY DIVISION.

Yields: Reported on the 1st October to have crushed at George and George's battery 15 tons for a yield of 55oz.

* POLKINGHORNE AND LOWNDS. Black Range.

ALBURY DIVISION.

* PRATT AND PARTY. Namina Creek.

BYWONG.

PRIMROSE HILL MINE.

Lower Tarcutta.

TARCUTTA DIVISION.

Proprietors: J. Best and Sons.

Development: There are two shafts on the mine, one down about 130ft., and the other nearly 200ft., where there is a heavy volume of water. Large steam boiler and engine, winding gear, and a steam pump; sundry crosscuts and drives.

Yields: The highest yield from the mine was an average of 5oz. per ton for about 40 tons.

Area: 4 acres.

Postal and Telegraphic Address: Lower Tarcutta.

The indications are very satisfactory, and a crushing is shortly expected.

PUZZLE REEF. Tallendoon.

ALBURY DIVISION.

Proprietors: Shepard and Party

Yields: Reported on the 1st October to have crushed, at McDonald's Battery, 7 tons for a return of 3oz. 10dwts.

READY MONEY CLAIM.

South Wagga Common.

WAGGA WAGGA DIVISION.

Proprietor: Michael McGarry.

Development: This claim, after being worked for three years, was abandoned for want of water. Four shafts were sunk, and some driving carried on. Small quantities of stone have been treated, with satisfactory results. Battery and plant.

Yields: 150 tons of stone at grass.

Area: 4½ acres, lease.

REED'S CLAIM. Cowra Creek, Cooma.

COOMA DIVISION.

Proprietor: A. Reed.

Development: 8-head stamp battery in course of erection.

RECORD REIGN CLAIM.

Thurrambatman.

BYWONG DIVISION.

Proprietors: Crocker, Butt, Batoup and party.

Mine Manager: E. Crocker.

Development: 2 shafts.

Yields: 8½ tons for 273oz. 5dwt. 21grs., and 5 tons of the country rock averaging 1oz. 12dwt. 17grs. per ton, also the tailings from the 8½ tons assay 7oz. 16dwt. 19grs. per ton.

Area: 50 acres (including 3 claims.)

Postal and Telegraphic Address: Thurrambatman.

This mine was discovered last February. The country is easily mined and close to permanent water. The many rich veins showing on surface will at a depth probably form a catch lode.

* REMMINGTON & PARTY.

Nanima.

BYWONG DIVISION.

RHEINBERGER AND ANOTHER.

Fiery Creek Cooma.

COOMA DIVISION.

Development: 4-head stamp battery, engine, boiler, &c.

• ROBYNS, JOHN.

Kiandra.

KIANDRA DIVISION.

Received aid to put in tunnel, which struck wash, prospecting well.

ROOT HOG OR DIE GOLD MINING CO.

Bywong.

BYWONG DIVISION.

Proprietors: J. A. Panton, Police Magistrate, Melbourne; J. W. Lush, J. W. Berrigan, Bywong; J. Naughton, Mannimia Creek.

Manager: Joseph W. Lush.

Development: Main shaft 50ft., with various others 42ft., 75ft., 20ft., 30ft., and 25ft. respectively. Various drives and cross-cuts.

Area: 360ft. by 400ft.

Postal and Telegraphic Address: Bywong, via Bungendore.

This mine is situated between the established mines of Messrs. Robbins and Cartwright, and the Lowe and Alchin Central Gold Mining Co., and promises to become a valuable property.

* RYAN AND PARTY. Bulgandra.

WALBUNDRIE DIVISION.

Manager: H. J. Baker.

* SHOW DAY MINE. Bulgandra.

WALBUNDRIE DIVISION.

SPENT BROS. AND PETERSEN. Pullitop.

WAGGA WAGGA DIVISION.

Development: Battery, &c.

STAR OF COOMA GOLD MINE. Cowra Creek.

COOMA DIVISION.

Proprietor: H. G. Sands, Cowra Creek, Cooma Line.

Mine Manager: H. G. Sands.

Development: Shaft 170ft., drive 820ft. with cross-cut at end 50ft. 14 head battery, 2 Wheeler's pans, 1 Duncan concentrator, and Burden pan.

Yields: For year ending 1897, 400oz.

Area: 28 acres.

Postal and Telegraphic Address: Cowra Creek, via Bredbo, Cooma Line.

STEWART AND PARTY. Middle Flat.

COOMA DIVISION.

Prospecting new gold discoveries at Middle Flat about five miles from Cooma.

* STOREY & PARTY (Quartz Claim.) Paddy's River.

TUMBARUMBA DIVISION.

* THE STRIPED IGUANA. Bywong. BYWONG DIVISION.

Proprietors: Cartwright & Party.

TALBINGA COPPER MINE. Kiandra.

KIANDRA DIVISION.

Proprietors: M. J. Kuman, G. Roffen, Sydney: A. Reickmann, Julius Frostrom, C. A. Butcher, Kiandra.

Mine Manager: A. Reickmann.

Development: Four shafts, viz, 95ft., 60ft., 40ft., 80ft., all on lode which is opened for 1,500ft.; large pumping plant.

Yield: Six tons yielded 1 ton 17 cwt. of refined copper.

Area: 80 acres.

Postal and Telegraphic Address: Kiandra.

* TALLANDOON YIEW MINE. Tallandoon.

ALBURY DIVISION.

Proprietors: Peverell and Drew.

Yields: Were reported on 1st November to have crushed at McDonald's battery 3 tons 13cwts. for a return of 11oz. 6dwts. 2grs. gold.

* THREE MILE REEF GOLD MINE. Cooms.

COOMA DIVISION.

It is reported that work will be commenced on this claim forthwith

TOWNSHIP HILL MINE. Kiandra.

KIANDRA DIVISION.

Proprietors: Dr. Sarfield Casedy, Adaminaby; Thomas Hooper, Kiandra.

Manager: Thomas Hooper.

Development: Tunnel 1000ft. in the hill from north side, struck the edge of the wash 50ft. above the level of the main tunnel, containing a little gold; wash 2ft. thick, still improving in quality and thickness; air shaft. Two water races each 3 to 4 miles long.

Area: 10 acres.

Postal and Telegraphic Address: Kiandra.

In the year 1886 a tunnel was started on the east side of the hill. When 900ft in struck the wash from 3ft to 15ft thick, containing good gold, but owing to the tunnel being above the wash and too much water to contend with, it had to be abandoned. The present one on the north side was then started.

* TRUE BULE CLAIM. Bulgandra.

WALBUNDRIE DIVISION.

TUMBARUMBA FLAT SLUICING CO., N.L.

TUMBARUMBA DIVISION.

Registered Office: 70 Pitt street, Sydney.

Nominal Capital: £10,000, in 40,000 shares of 5s. each.

Issued: 20,000 fully paid-up; 20,000 contributing-

Contributing: 20,000 shares of 5s. each.

Called up: £5,000.

Directors: T. H. Kelly, S. L. Bensusan, F. A. Wright, C. G. Moore, J. H.

Wood, Sydney.

Legal Manager: G. S. Buzacott.

Mine Manager: Frederick Parsons.

Development: Plant consists of large and small centrifugal pumps, Pelton wheel; about four miles of iron-piping, and steam engine. Also 18 miles water races.

Area: 9 acres.

Postal and Telegraphic Address of Mine: Tumbarumba.

The mine is at present let on tribute.

* TWO MACS. REEF.

Tallandoon.

ALBURY DIVISION.

Proprietors: Logan and party.

Yields: Were reported on 1st November to have crushed at McDonald's battery 10 tons 13cwts. for a return of 10oz. 3dwts. gold.

THE UNION MINE.

Adelong.

ADELONG DIVISION.

Proprietor: Robert Amos, "Braeside," 81 Victoria-street, Sydney.

Mine Manager: A. W. Molineaux.

Development: No. shaft, 570ft.; drives (north and south), 300ft. No. 2 shaft, 350ft.; drives (north and south), 300ft. Steam winding plant situated on No. 1 shaft

Yields: 1,087 tons quartz, 2,185oz. gold. As much as 18oz. of gold per ton has been obtained.

Area: 14 acres 3 roods 39 perches.

Postal and Telgraphic Address: Adelong.

Situated on the Victoria line of reef, Adelong, adjoining the south boundary of the Great Victoria Mine, which is at present the deepest gold mine in the colony.

YICTORY CLAIM. Bywong.

BYWONG DIVISION.

Proprietors: Joseph W. Lush, Jas. Berrigan, Wm. Branagan, Bywong; J. A. Panton, P.M., Melbourne.

Mine Manager: J. W. Lush.

Development: Vertical shaft, 40ft.; underlay shaft, 50ft.

Area: 240 x 400ft.

Postal and Telegraphic Address: Bywong, via Bungendore.

This is likely to become a valuable property, as it covers the underlay of Robbins and Cartwright's established line of reef adjoining them to the south. The Root Hog or Die Claim joins the western boundary.

WALSH'S DYKE MINE. Batlow.

REEDY FLAT DIVISION.

Proprietors: R. R. Timmis and party.

Manager: R. R. Timmis.

Mine Manager: A. J. Harrison.

Development: Mine has been worked by hydraulic sluicing with Alve's Patent Concentrator to catch fine gold. Proprietors are about putting up crushing machinery.

Yields: No yield this year on account of shortness of water.

Area: 50 acres.

Postal and Telegraphic Address: Batlow.

* WARDEN'S YIEW MINE.

Middle Flat. COOMA DIVISION.

Yields: A trial crushing of about 5 tons treated at the Clyde Works was reported on 23rd September to have returned a little over 10z. per ton.

* WATSON AND PARTY. Adelong (adjoining Gibraltar).

ADELONG DIVISION.

WELCOME FIND MINE. Walbundrie Reefs, Bulgandra.

WALBUNDRIE DIVISION.

Proprietors: Martin and party.

Yields: August, 67 tons for 58oz.; September, 69 tons for 59oz.

* WOOLGARLE AND GOOD HOPE COPPER MINES. Yass.

YASS DIVISION.

Reported to have been purchased by a Company early in October.



Southern Mining District.

(The Mines marked * have been mentioned in published reports, but we have received no reply to repeated inquiries for information, though our letters have not been returned.)

THE BRAIDWOOD AND ARALUEN DIVISIONS were at one time noted for the large extent and auriferous quality of the alluvial deposits in the numerous gullies, flats and hillsides. In the area between Braidwood and Araluen to the south, and Braidwood and the Little River Division to the east, it is estimated there were once 25,000 men at work, and the quantity of gold won The Araluen Valley alone is reported to have produced enormous. £7,000,000 worth. The formation, with the exception of the Little River, is granite, and conjecture is excited as to the origin of the deposits. There is little mining work beyond fossicking and sluicing now carried on in the district, the most promising locality being Jembaicumbene Creek and Araluen, where there appears to be considerable scope for enterprise in alluvial mining. In 1896 the Braidwood Division produced 775oz. of gold, and Araluen, where the drought was felt severely, 2,773oz., or 224oz. less than 1895. latter district is almost entirely alluvial. Little River returned 2,191oz. mining being confined generally to the banks of the river.

In the Major's Creek Division mining enterprise has for long been stagnant, but during the year 1896 the output was 3,729oz., being treble that of the preceding year. Most of the gold was won by sluicing, the yield being governed by the season and water supply. There are between thirty and forty puddling machines in the Division worked by horse-power when water is available, which are owned by small parties of miners. There are several reefs and lodes highly pyritic, generally neglected owing to the complex nature of the ore.

The Nerrica Division produced 971oz. of gold during 1896. Much has been expected from the Shoalhaven drifts, but operations ceased last year—arrangements for its resumption have not yet been completed. Attention is now being given to the quartz reefs in the locality, and several leases have been applied for. The Great Mount Phænix Gold Mining Company, Ltd., has been recently floated in London with a capital of £110,000.

YALWAL DIVISION approximately produced 1,495oz. in 1896, valued at £4,530. Although the ore is low grade it can be cheaply raised and treated, in one instance (the Pioneer) the cost per ton for quarrying, milling, etc., not exceeding 4s 7d. from mine to mint. Up to June last this mine had yielded about £29,000 worth of gold.

The mine of most consequence in the Wolumla Division is the Mount Monsen Gold and Silver Mine. 74 tons crushed yielded 402oz. gold and 1,425oz. silver. Brady and party and Gahan, M'Kay and party have also promising claims.

In the Cobargo Division the only mining carried on is fossicking at the old Montreal Diggings, and in old and abandoned ground.

The Moruya Division is attracting the attention of capitalists, and a large number of leases have been applied for. The gold won during 1896 was 1,458oz., valued at £5,468, as compared with 830oz., valued at £1,195 won in 1895.

The Pambula Fold-field returned 2,550oz. in 1896, valued at £8,879, being a considerable reduction on the yield for 1895, owing to the fact that a large quantity of the stone raised during the year was not treated.

SILVER.— Several lodes have been opened up in the Pambula District, which assay well, but require development to test their value. At Rye Park on the Wallah Silver and Lead Mine about £5,000 has been spent in development, and the proprietors have started to send away a constant supply of ore.

At Moruya, the Moruya Silver Mine was opened thirty-five years ago by Sir Saul Samuel, the late Thomas Mort, and Mr. Want, but the ore proved to be exceptionally refractory. It is rich in both silver and gold, and the present proprietor of the mine has re-opened it with a view of treating the ore with the machinery required for the extraction of the metals.

Comparative statement of average (known) yields from quartz mines for 1895-96 in the Southern Division:—

1895.

1896.

Quantity, 6,007 tons.

17,025 tons.

Average per ton, 10dwts. 21grs.

6dwt. 9grs.

Yield, 3,278oz. 14dwt.

5,446oz. 3dwt. 17grs.

COPPER lodes are being developed at Burrowa in the Rye Park Division at the Mayfield Mine, and at Delegate there is likely to be satisfactory development.

Inon ore is found in the Marulan Division where the Carrington Iron Mines have been re-started.

ANCIENT BRITON MINE.

Burragate.

PAMBULA DIVISION.

Is reported to be opening up well, and several tons have been sent to the Illawarra Smelting Works for treatment.

ARALUEN GOLD SLUICING CO., N. L.

ARALUEN DIVISION.

Legal Manager: George Robson, Post Office Chambers, Pitt-street, Sydney.

AURORA GOLD MINE.

DELEGATE DIVISION

Proprietors: W. Parry and Thomas Jones, Bonang.

Mine Manager: W. Parry.

Development: 500ft. tunnel; at 250ft. reef about 1ft. wide; winze sunk on it about 60ft.; average about 1oz. to the ton. In the far end of tunnel it is expected another reef will be cut; the tunnel, therefore, will give about 300ft. of back. Owing to necessary work not much stone has been crushed.

Yields: For six months ending September, 1837, crushed 20 tons for 20oz. of gold.

Area: 30 acres.

Postal and Telegraphic Address: Bonang and Delegate.

The winze had to be abandoned owing to the heavy flow of water. There is plenty of water for motive power, however, a supply running all the year at the mouth of the tunnel, which could be utilised for working a pump.

AXAM'S CLAIM.

Pericoe.

TOWAMBA DIVISION.

Proprietor: G. Axam.

Manager: The proprietor.

Development: Three shafts. from 30ft. to 60ft. in depth; 60ft. of levels.

Yields: 13oz. 8dwt. 20 tons of ore are at grass. Twelve assays shew an

average yield of 8oz. gold and 2oz. silver per ton.

Area: 400ft. by 480ft.

Postal and Telegraphic Address: Pericoe.

This claim is only in the prospecting stage. The reef began at a width of 3in. at 10ft. deep, and gradually opened to 18in. at 50ft., carrying gold prospecting about 8oz. per ton. Good clean walls at 40ft. Country granite.

* BAILLY AND PARTY.

Tilba Tilba.

WAGONGA DIVISION.

BELL'S CREEK GOLD MINING CO., N. L.

BRAIDWOOD DIVISION.

Registered Office: 10 Union Bank Chambers, Pitt-street, Sydney.

Registered: 28th September 1896.

Nominal Capital: £12,500

Issued: £10,000.

Amount called up: £10,000.

Directors: J. Wheeler, P. C. Mitchell, F. A. Wright, A. Chapman, F. Farner, A. B. Pursell, Sydney; J. McDonald, Braidwood.

Legal Manager: H. B. Piddington, M.L.A.

Development: Several shafts have been sunk on the property, that on Brown's reef being to a depth of 70ft.

Area: 100 acres.

Postal and Telegraphic Address of Mine: c/o James McDonald, Braidwood.

BEULEY SLUICING CO.

Nerriga.

NERRIGA DIVISION,

Development: Erecting dam and finishing race.

Area: 130 acres.

Company in course of formation.

BIG HILL GOLD MINE (late Big Hill Gold Mining Co., N. L.), Bateman's Bay.

Proprietor: D. Bevan, 168 King-street, Newtown, Sydney.

BLACK DIAMOND MINE.

Currowan Creek, 8 miles north of Nelligen.

NELLIGEN DIVISION.

Proprietors: Buckley Bros., Nelligen, Clyde River.

Manager: J. Buckley.

Development: Two shafts on line of reef; open cuttings, from which crushings have been taken. The reef will average 5ft. wide, and crops on the surface for over 5 chains. Lowest return, 3½dwts.; highest, 19dwts. per ton. A tunnel starting from machine site has been driven 370ft. towards the reef, but it will yet require 230ft. to connect with shaft on line of reef.

Yields: The yield for this year has only been 29oz. 7dwts. from 70 tons crushed. Unable to give the correct yield for total of stone crushed.

Area: 10 acres.

Postal and Telegraphic Address: Nelligen, Clyde River.

Very little work has been done this year, but, now the leases have been granted, work will be resumed. A machine site has been cleared, and machinery purchased. The mine has not been floated, as it is the intention of the proprietors to work it on their own account.

BLAND PROPRIETARY MINE.

Pipe Clay Creek.

PAMBULA DIVISION.

Proprietor: F. Bland, Boga, Pambula.

Mine Manager: J. B. Davy.

Development: Several shafts, varying from 12ft. to 50ft., and on tunnel 60ft.

Yield: For this year about 30 tons of stone, carrying about 1 loz to the ton.

Area: 677 acres.

Postal and Telegraphic Address: Pipe Clay Creek.

The claim has not been tested to any considerable extent, and sinking to a reasonable depth has been recommended by the manager.

THE BOMBO GOLD MINING CO., N. L.

NERRIGUNDAH DIVISION.

Registered Office: 11 Bond-street, Sydney.

Registered: 28th January, 1897.

Nominal Capital: £8,000.

Issued: 12,000 at 10s. each, fully paid up; 4,000 contributing, 2s. paid.

Directors: Professor J. T. Wilson, E. P. Thring, W. F. Smeeth.

Legal Manager: E. Shirley Chapman.

Mine Manager: N. P. Carver.

Development: Shaft drives are 400ft. A small battery is being erected, and wire tramway for delivering ore to the battery.

Area: 80 acres.

Postal and Telegraphic Address of Mine: Nerrigundah.

BOMBALA GOLD MINING SYNDICATE.

Brown's Camp.

DELEGATE DIVISION.

Development: Putting in a 120ft. cross-cut in the hope of cutting a rich shoot struck in Nead and party's claim adjoining.

* BONANG PROPRIETARY GOLD MINING CO.

Bonang.

BOMBALA DIVISION.

* BRACKWAITE AND PYE.

Tilba Tilba.

WAGONGA DIVISION.

Development: Top tunnel now in 500ft.; bottom tunnel in 100ft.; distance between two tunnels 250ft.; expect to sight a large quantity of stone when stoping commences.

Yields: Trial crushing of 5 tons gave 6oz. gold.

* BRADY AND PARTY.

Wolumla.

WOLUMLA DIVISION.

THE BRAIDWOOD PROPRIETARY GOLD MINING AND SLUICING CO.

BRAIDWOOD DIVISION.

Registered Office: Union Bank Chambers, Pitt-street.

Registered: 18th February, 1896.

Nominal Capital: £8,000.

Issued: £6,480.

Called up : £6,480.

Directors: W. J. Lyne, Austin Chapman, E. W. O'Sullivan, E. McKay, Rolf's Chambers, Sydney.

Legal Manager: H. B. Piddington, M.L.A.

Mine Manager: H. T. Badock, Braidwood.

Development: The company has cut a race 9ft. by 6ft. by 2ft, 3½ miles, in addition to the old race, some seven miles. Bridge for syphon and fluming is being erected over Sellambone Creek.

Area: 113 acres.

Postal and Telegraphic Address of Mine: Braidwood.

The company hoped to commence operations by hydraulic sluicing before the end of November, 1897.

THE BRIMBRAMALLA GOLD MINES.

NELLIGEN DIVISION.

Proprietors: A. Oppenheimer and party, Box 1,299, G.P.O., Sydney.

Development: Not working at present. Awaiting erection of plant and machinery for treating the large ore bodies available. There are three distinct and well-defined reefs of gold-bearing quartz highly mineralized with pyrites. Small shafts have been sunk on these reefs to a depth of from 50ft. to 135ft. The property also contains two big lodes of ironstone and quartz carrying gold, silver, and copper. On one a prospect ing shaft has been sunk to a depth of 63ft., and at a depth of 60ft. the lode found to be 14ft. thick.

Yields: Several parcels of ore, in all 304 tons, have been sent away from the Brimbramalla mines for treatment, and yielded 784oz. 10dwts. of gold, value £3,060.

Area: 29 acres.

Postal and Telegraphic Address: Box 1,299, G.P.O., Sydney.

* BRITANNIA GOLD MINE.

Pambula.

PAMBULA DIVISION.

* BRUCE AND CO. (Sluicing).

Araluen.

ARALUEN DIVISION.

CAHILL'S REEF MINE.

Spring Creek, Major's Creek.

MAJOR'S CREEK DIVISION.

* CALEDONIAN GOLD MINING CO.

Yalwal.

YALWAL DIVISION.

Yield for 1896, 400 tons.

THE CARRINGTON IRON MINES.

Marulan.

MARULAN DIVISION,

These mines are again being worked. One hundred tons of ore have been extracted for test treatment.

COBRA GOLD MINE

Wolumla.

WOLUMLA DIVISION.

Proprietors: Schuback and Gorman.

Development: Shaft 50ft.

Yields: 11 tons for 10oz. 4 dwt. 5gr. gold, 5oz. 3 dwts. silver. About 10

tons at grass estimated to yield about 10oz. per ton.

Area: 10 acres.

Postal and Telegraphic Address: Wolumla.

* THE CORROWONG COPPER MINE. Delegate.

DELEGATE DIVISION.

It is reported that arrangements have been made by a Melbourne syndicate to work this mine.

* COX AND PARTY. Wolumla. WOLUMLA DIVISION.

DARGUE'S REEF. Spring Creek.

MAJOR'S CREEK DIVISION.

Reported early in October to have been taken over by Messrs. Sparkes and Watson on behalf of an English syndicate. Since, pumping out water preparatory to commencing operations which are likely to give employment to a large number of men.

DAY DAWN MINE.

BRAIDWOOD DIVISION.

Proprietor: Austin Chapman, Braidwood.

Development: Main shaft down 205ft., 12ft. by 4ft., in three compartments, timbered right through; also several other shafts, drives, &c. Plant of adjoining mine, owned by Mr. R. I. C. Wadrell, and with which the mine was worked; winding gear, boiler, Huntingdon mill, Berdan pans, pumps, &c.

Yields: About £6,000 worth of gold have been taken from the mine.

Area: 23 acres.

Postal and Telegraphic Address: Braidwood.

The mine has been shut down, waiting for capital to provide fresh machinery, including pump, &c., to deal with water, which makes at the rate of 1,600 gallons per hour. The reef at the 200ft level is from 2ft to 5ft, and carries good gold at times. The reef bulges to 8ft out of this level. One parcel of 8 tons yielded 96oz of gold. It is a true fissure quartz lode, and is in slate country.

* DELEGATE RIYER SLUICING CO.

DELEGATE DIVISION.

DONNELLY AND PARTY. Jingera

PAMBULA DIVISION.

THE DROMEDARY GOLD MINING CO., N.L. Mount Dromedary.

WAGONGA DIVISION.

Registered Office: 12 O'Connell-street, Sydney.

Registered: 4th August, 1896.

Nominal Capital: £15,000, in 15,000 shares of £1 each (issued as paid up to

15s each.)

Issued: £14,068.

Amount called up: 3s. per share.

Directors: Russell Barton (Chairman), Five Dock; S. L. Bensusan, 12

O'Connell-street; H. A. Jones, Druitt-street; J. F. Carson, H. Deane,

Rowe-street, Sydney.

Manager: Darrell A. Bensusan.

Mine Manager: B. Gwynne Davies.

Area: About 18 acres.

Postal and Telegraphic Address of Mine: Mount Dromedary, via Tilba Tilba.

DRUMGOOLD AND PARTY.

Kenya.

BURROWA DIVISION.

* ECLIPSE GOLD MINING CO.

Yalwal.

YALWAL DIVISION.

Yields: Treated 551 tons during 1896.

* EMMERY ROBERT AND PARTY.

Yalwal.

YALWAL DIVISION.

Granted suspension of labour conditions for two months from the end October to permit of the removal of cyanide plant from Barmedman. It is proposed to amalgamate this and a number of adjoining properties.

ENTERPRISE GOLD MINE.

Tilba Tilba.

WAGONGA DIVISION.

Proprietors: D. D. Pye, Rose Valley; W. Braithwaite, Waterloo and Mount Dromedary.

Mine Manager: W. Braithwaite.

Development: 700ft. and tunnelling, 3 shafts of 100ft.; new 5-head stamper battery driven by an improved water wheel.

Yield: 21 tons for 9oz. 3dwts. smelted gold.

Area: 9 acres.

Postal and Telegraphic Address: Mount Dromedary, Tilba.

* ETHEL MINE.

Pambula.

PAMBULA DIVISION.

EUREKA CLAIM.

Delegate.

DELEGATE DIVISION.

Proprietors: Brown and Party.

Mine Manager: Glenville Brown.

Development: Sinking 35ft., erecting 15ft. water wheel, 5-head battery.

Yields: 1 ton for 3oz. 19dwt; 5 for 6oz. 4dwt.; 5 for 5oz. 10dwt.; 4 for 5oz.

Area: Extended claim about 6 acres.

Postal and Telegraphic Address: Delegate.

This is a new find on a new field. Four years ago some Government money was spent prospecting but no reef was found. About June last, G-Brown found a reef to which the gold is not confined, three miles further than gold had hitherto been found from the Victorian border. The present proprietors have prospected 10ft. either side of the reef and obtained loz. prospects. There is a large area of equally good-looking country to prospect further north.

EUREKA GOLD MINE.

Wolumla.

WOLUMLA DIVISION.

Proprietors: Brady and White.

Manager: J. J. Smith.

Mine Manager: S. Maxwell.

Development: Two shafts have been sunk, one 30ft. and one 25ft.; open cut further south on lease.

Yields: About 7 tons, first and seconds mixed, taken out of a four-foot reef yielded a little over loz. per ton.

Area: 7 acres.

Postal and Telegraphic Address: Wolumla.

The open cut is a lode averaging about 1ft. wide, and has been traced for a chain and a half, said to be improving with depth.

EUREKA GOLD MINING CO., N. L.

(Late Snob's Reef), Major's Creek.

BRAIDWOOD DIVISION

Registered Office: Lombard Building, No. 17 Queen's Street, Melbourne.

Registered: June 4th, 1894.

Nominal Capital: £5,250, in 140 shares of £37 10s. each.

Issued: 120.

Called up: £82 per share.

Directors: Isaac Wheeldon, Melbourne; William Green, Richmond; T. D. Derton, W. Brookes, Melbourne.

Legal Manager: John Ditchburn, junr.

Mine Manager: Samuel Holmes.

Development: Depth of shaft, 186ft.; size of shaft. 8ft. by 4ft. East level driven out 6 chains and partly stoped out. The plant consists of poppet heads, 2 pulleys, large ore hopper to hold 70 tons, steam winding engine and wire rope capable to wind to 300ft.; vertical steam boiler about 12 H. P., blacksmith's shop and storeroom fully equipped.

Yields: Since 1894 about 8,000 tons, giving an average of 15dwts. of gold per ton, 3 pyrites ore.

Area: 13 acres, Crown Lands.

Postal and Telegraphic Address: Major's Creek.

Suspended operations December 31, 1896, on three months' leave, to arrange to further sink the shaft another 100ft. Tenders called and accepted. Raised 10 tons of stone to test it for new prospect. Produced 11oz. of gold, being 22dwts. to the ton. Arrangements pending to resume operations.

EUREKA MINE.

(Brady and White's).

WOLUMLA DIVISION.

Proprietors: John Smith, James Smith, James Brady, Thomas White, and Dr. Marchell.

Manager: John Smith.

Mine Manager: Samuel Maxwell.

Development: No. 1 shaft 80ft. on a 4ft. reef assaying from 1oz. to 25oz. per ton; No. 2 shaft 20ft. on a similar lode assaying from 11 to 14oz. to the ton; distance between the shafts, about 200ft.

Area: 7 acres gold lease.

Postal and Telegraphic Address: Wolumla.

The lease has only been worked since July. The reef is cut in several places on the surface, but has not been sunk on yet. In all cases it has assayed high. A quantity of ore has been bagged for treatment at Dapto.

EYERTON SILVER AND LEAD MINE SYNDICATE.

Pudman Creek.

RYE PARK DIVISION.

Proprietors: T. R. Rowe, R. Leevsor, F. Osborne and others.

Manager: Thos. R. Rowe.

Mine Manager: Thos. R. Rowe.

Development: On 40-acre block shaft, 24ft., lode at bottom main shaft 10ft. wide; assays from this point give 55 per cent. lead 15oz. silver. Nothing has been done on the property for some time in consequence of the low price of silver. A smelting plant is required.

Area: 40 acre block with a right to 80 acres held under Private Property Act.

Postal and Telegraphic Address: Rye Park.

FALKNER'S GOLD MINING CO., Ltd. Pipe Clay Creek.

PAMBULA DIVISION.

Registered Office: 40A Sydney Arcade.

Registered: 23rd June, 1891.

Capital: £48,000, in 48,000 shares of £1.

Issued: The whole, and paid up.

Directors: Geo. Anderson, John Hunter, F. H. Molesworth, W. J. Tweedie, and Wyman Brown.

Legal Manager: A. J. Davis.

Mine Manager: W. C. Ord.

Development: Three shafts, 93ft., 48ft., 252ft.; five levels from 80ft. to 150ft. on the lode; large quantity of stoping being done, and rich ore obtained. The body of ore is very large, in some places 87ft.; two winding plants, Worthington pumps.

Area: 20 acres.

Postal and Telegraphic Address of Mine: Pipe Clay Creek, Pambula.

This Company has leased the Mount Gahan battery and cyanide plant for six months from about December 1, 1897.

FALKNER'S NORTH MINE.

Pipe Clay Creek.

PAMBULA DIVISION.

Proprietor: Geo. Harrison.

Half of this lease (originally called Ryan's) belongs to the Falkner's G.M. Co., N.L., and half to the above. It is now let on tribute to Messrs. Bassett and Weeks, who are putting through (Nov. 18) their second crushing of 10 tons at the Mount Gahan battery.

* FITZGERALD AND PARTY.

Bateman's Bay.

BATEMAN'S BAY DIVISION.

* GAHAN AND McKAY.

Wolumla.

WOLUMLA DIVISION.

GEM GOLD MINE.

Moruya.

MORUYA DIVISION,

Proprietor: J. A. Martyn, Gundary, Moruya.

Development: Formerly sunk to 120ft., on the underlay, but this collapsed. Tunnel is now being put in to drain and re-open the mine, and to reduce the cost of working, estimated at fully 50 p.c. New tunnel in 16ft., the ground being a hard micaceous schist. Plant: 1 smithy, truck, steel rails, and all necessary tools.

Yields to date: Approximately 1000 tons for 900oz.

Area: 5 acres; also, prospecting area 960ft. by 400ft.

Postal and Telegraphic Address: Moruya.

This mine was abandoned for 6 or 7 years, because, it is alleged, of the expensive system required to work it.

* GEM GOLD. MINE

Pambula.

PAMBULA DIVISION.

* GOLDEN DIORITE MINE.

Pambula.

PAMBULA DIVISION.

Proprietor: Patrick Conlon.

This mine was originally worked by a Melbourne syndicate, who permitted the lease to lapse about 3 years ago. Has since been re-pegged, let on tribute, and again forfeited. The present owner is apparently working it to more advantage.

GOLDEN TREASURE MINE.

ARALUEN DIVISION.

Proprietors: P. Barnett, Jno. Marshall, R. Barrett, M. Hennessey, P. Hennessey, Jas. Wood, D. Barrett (Araluen), T. Barrett (48 Wellington Street, Newtown, Sydney), Jas. Barrett (Dapto), Geo. Williams (Haymarket P.O., Sydney).

Mine Manager: Patrick Barrett.

Development: 30,000 cubic yards stripping. An alluvial claim, peculiar from the fact of having to strip the surface (about 25ft.) with pick and shovel. Stripping removed with carts. 12ft. wheel, about 8 H. P., and Californian pump to drain.

Yield: Year's work, 185oz.: first wash up, February, 1897.

Area: 13 acres.

Postal and Telegraphic Address: Araluen.

Hydraulic sluicing or the use of scoops cannot be applied, owing to the peculiarity of the claim.

* GOOD LUCK MINE.

Delegate.

DELEGATE DIVISION.

HERBERT T. GORDON.

Nerriga.

NERRIGA DIVISION.

Development: Erecting machinery.

JAMES GRAHAM.

Nowra.

NERRIGA DIVISION.

Under suspension of labor conditions for formation of syndicate.

GREAT MOUNT PHŒNIX GOLD MINING CO., Ltd. NERRIGA DIVISION.

Registered Office: London.

Nominal Capital: £110,000.

Issued: £20,000 working capital.

Directors: Particulars not yet to hand.

Manager: G. W. Leech, Austral Chambers, 41 Pitt-street Sydney.

Mine Manager: P. J. Byrnes.

Development: Shaft down on lode 200ft., and level driven 100ft.

Area: 30 acres.

Postal and Telegraphic Address of Mine: Nerriga.

120 tons yielded 3oz. 1dwt. per ton. Property now being opened up by a main shaft, and adit driven from the western side of the Mount to give 600ft. of backs. Machinery to be erected near adit on banks of Shoalhaven River. Lode consists of bands of quartz and slate 7ft. wide highly mineralised.

* GREAT SOUTHERN GOLD MINE.

Pambula.

PAMBULA DIVISION.

GREY MARE'S GOLD MINE.

Bonung.

KIANDRA DIVISION.

Proprietors: A. Johnston and others, Strathfield.

Mine Manager: W. S. McAlister.

Development: 366ft. tunnel, shafts from 80 to 30ft. Proposed plant—two

Huntingdon Mills, stone breakers, Frue vanners, now being erected.

Yield: Expected to crush in January 1898.

Area: 40 acres.

Mining District of: Kiandra.

Postal and Telegraphic Address: Jinderbyne.

This mine is in the early stage of development. There are several lines of reef parallel, about 500ft. apart, from 2 to 9ft. thick.

* HAGGAR AND ELLINGWOOD.

Tinghew's Plain.

BOMBALA DIVISION.

HAPPY MOMENTS CLAIM.

Pipe Clay Creek.

PAMBULA DIVISION.

Proprietors: Wm. Jamison and Ralph Foster.

Mine Manager: William Jamison.

Development: No sinking: driving and stoping.

Yields: 80 tons stone yielding 14dwts. gold per ton; 21 oz. for present year.

Area: 4 acres.

Postal and Telegraphic Address: Pipe Clay Creek, via Pambula.

The mine was worked in former years. Some of the stone assayed as high as 22oz. to the ton. Capital is required to sink a main shaft to test the ground at a depth. The field is peculiar, and the shoots of gold are liable to be missed very easily. There are five distinct formations in this lease carrying gold, and it is thought with cyanide treatment the claim would pay well.

ROBERT H. HARDIE. Nerriga.

NERRIGA DIVISION.

Applicant: R. W. Hardie, 133 Pitt-street, Sydney. Area: 70 acres: leases approved but not issued yet.

* HARNESS AND JEFFCOAT'S CLAIM.

Jembaicumbene Creek.

BRAIDWOOD DIVISION.

HIDDEN TREASURE GOLD MINING CO., N. L.

PAMBULA DIVISION.

Registered Office: 16 O'Connell-street, Sydney.

Registered: 3rd November, 1891.

Nominal Capital: £40,000.

Issued: 80,000 shares (60,000) fully paid up, 20,000 contributing.

Paid up Capital: £32,809 16s.

Directors: W. C. Willis, Captain J. Broomfield, Dr. J. Foreman (Sydney),

S. Solomon (Managing), Eden.

Legal Manager: R. N. Kirk.

Development: Various shafts and drives.

Area: 7 acres 2 roods.

Postal and Telegraphic Address of Mine: Pambula.

Prospecting was continued during the last half-year, and some gold-bearing stone obtained from shoots and veins driven on. Four men were kept employed. Forty-two and a-half tons of stone put through the Mount Gahan Company's battery and cyanide plant saving 34ozs. 10dwt. gold, and the cyanide treatment 17oz. 9dwts., being a total yield of 1.22 per ton of stone treated. [This property has been sold to the Treasure G.M. Syndicate and the company is to be wound-up.]

* HIGGINS AND CO. (Sluicing).

Araluen.

ARALUEN DIVISION.

* HOAR J. J. AND PARTY.

Bell's Creek.

BRAIDWOOD DIVISION.

Aid was granted to this party in 1896 to continue their 98ft. shaft another 50ft. At the lowest level the reef is 14in wide, from which a 5 ton crushing yielded loz. 5dwt. of gold per ton; and it was expected another 15oz. would be obtained from 1 ton of concentrates. This was the deepest shaft on Bell's Creek.

HOMEWARD BOUND GOLD MINING CO., N. L. Yalwal.

YALWAL DIVISION.

Registered Office: 418 Collins-st., Melbourne.

Registered: October, 1889.

Nominal Capital: £150,000 in 1,200 shares.

Called Up: £134,000.

Directors: Thos. Attinborough, J.P., Cheltenham: Geo. Gordon, D. Smith,

W. Howart, W. Robertson, Melbourne.

Legal Manager: H. G. Mackenzie.

Mine Manager: W. G. Mason.

Development: Worked as an open quarry. 50 head of stamps, and other appliances.

Area: 15 acres

Postal and Telegraphic Address of Mine: Yalwal via Nowra.

Resuming work after four years' litigation against jumpers. The title has now been made good.

INDEPENDENT GOLD MINE.

Nungatta.

TOWAMBA DIVISION.

Proprietors: Andrew Brown, and T. Brown, Towamba.

Mine Manager: Andrew Brown.

Development: No. 1 shaft 60ft., drive 30ft. west, and 30ft. east, reef 18im

wide; No. 2 shaft 40ft. A new battery is being procured.

Yields: About 1oz. per ton.

Area: 10 acres.

Postal and Telegraphic Address: Towamba.

The Nungatta Goldfield requires development. The proprietors of the above claim, who have been six years there, and have spent a considerable sum, regard it as one of the best places in the colony for capital.

ITALIA MINE.

Turlingah.

MORUYA DIVISION.

Proprietors: Frank Marsh Statham, Turlingah; Robert Anderson, Lake View, Bergalia.

Development: Air shaft 50ft., whim shaft (centre) 180ft., west shaft 60ft. These are connected by levels 100ft., also 107ft., driven from west shaft; 100ft. level driven 50ft. E and 70ft. W; reef small there, but appears to be increasing in width below; lode at 50ft. and upwards averages 18in. In driving W at 60ft. lode was taken out 11in. wide; horse whim, poppet heads, galvanized iron roof drains round each shaft, 4ft. deep. The proprietors have a 5-stamp battery.

Yields: No reliable data. Reported some stone went loz. to loz. 5dwts.

Area: 8 acres lease.

Postal and Telegraphic Address: Turlingah, 5 miles from Bodalla.

Formation, slate and sandstone; ore much mineralised, and stained with oxide of iron. Lode runs about E and W with S dip about angle of 30°. Ground easily worked, but requires timbering. The stone carries both coarse and mustard gold, also silver. Professor David's report was favourable for the occurence of rich gold.

JINGERA MINERAL PROPRIETARY MINE.

(Gold, Silver and Bismuth).

PAMBULA DIVISION.

Manager: Robert Saddington, Commercial Chambers, Bond-street.

Area: 118 acres.

Postal and Telegraphic Address of Mine: Jingera, Whipstick, 14 miles from Pambula, 3 miles from Wyndham.

The Bismuth ore is shipped to London for treatment. The gold and silver is treated locally.

* JINGERA PROSPECTOR'S MINE.

PAMBULA DIVISION.

It is reported that this mine is again to be worked—that a quantity of stone is at grass. Three shafts on gold; deepest 90ft.; stone highly mineralised.

Area: 30 acres.

Postal and Telegraphic Address: Jingera.

* JUBILEE CLAIM.

Tilba Tilba.

WANGONGA DIVISION.

Proprietors: Parkhill and party. Development: Tunnel in 310ft.

ALEXANDER KENNEDY. Nerriga.

NERRIGA DIVISION.

Applicant: Alexander Kennedy, Martin Chambers, Moore-street, Sydney.

Area: 10 and 13 acres; leases approved but not issued yet.

KENYA MINE.

Burrowa.

BURROWA DIVISION.

Proprietors: Thos. Stevenson, J. Stevenson, H. Stevenson, S. Cooper, Henry Campbell, J. Campbell, H. Campbell, W. Drumgoold, R. Drumgoold, J. Hannah, J. Russell, P. Kearns, J. McMaster.

Manager: Thos. Stevenson.

Development: Two shafts, 80ft. and 84ft.; 45ft. cross-cutting in the former at the 80ft. level, where a reef 4ft. wide was met, assaying nearly 2oz. of gold per ton. At 20ft, a large body of ferruginous quartz and rubble was cut through, carrying payable gold. Prospecting development work is being vigorously pushed along.

Area: 10 acres.

Postal and Telegraphic Address: Burrowa.

Situated on Jas. Russell's conditional lease, Kenya pastoral holding, 17 miles north-west of Burrowa. As the mine is now considered payable, the proprietors intend to make arrangements for the erection of machinery. At present the work is purely of a prospecting nature. Only bulk assays (25lbs. each) have been made. In every instance the result was eminently satisfactory. It is proposed that the adjoining claimholders amalgamate their claims with the prospectors, which would make the area over 30 acres.

* KILLARNEY GOLD MINE.

Pambula.

PAMBULA DIVISION.

THE KNIT GOLD MINE.

Mount Dromedary.

WAGONGA DIVISION.

Proprietor: C. J. Marsden.

Development: Two tunnels, No. 1 in 400ft,, No. 2 in 880ft. Deepest level 140ft. Vein small, but tendency to enlarge with depth.

Yield: 124 tons for 115oz., valued at £400. Four tons treated in September at the Wallaroo Smelting Works for a return of 3oz. 10dwts.

Area: Six acres, situated on the western slope of Mount Dromedary.

Postal and Telegraphic Address: Mount Dromedary, Tilba Tilba.

A fissure runs through the Mount Dromedary in an east and west direction which indicates carrying the lode formation for two miles showing colors of gold.

* JOHN LAIRD AND PARTY.

Nungatta.

TOWAMBA DIVISION.

* M'CARTY AND COATES.

Brimbramalla.

BATEMAN DIVISION.

Development: At work on a large formation about 5ft. wide. Reported to be very promising.

McDONALD'S REWARD.

Wolumla.

WOLUMLA DIVISION.

Proprietors: J. A. McDonald, J. W. Isaacs, H. Rogers, C. Monsen, P. Durkin, and P. Bateman.

Mine Manager: J. A. McDonald.

Development: No. 1 shaft sunk 60ft., and drive in 15ft.; No. 2 shaft 30ft., drive 25ft.

Yields: 13 tons ore sold to the smelting works, Dapto, by assay which yielded 86oz. gold. or about 6½oz. per ton. About 25 tons at grass.

Area: 12 acres.

Postal and Telegraphic Address: Wolumla.

The claim is on private property, worked under agreement with the owners.—Mining Act of 1896. The ore requires special treatment, as ordinary battery treatment would save but little gold.

McLEOD AND DUFFY'S CLAIM. Nelligen.

NELLIGEN DIVISION.

Proprietors: John McLeod, Patrick Duffy, and David Log in.

Manager: J. McLeod.

Development: Shafts 80ft., 50ft., 45ft., 40ft., and two 30ft. Reef in 80ft. shaft 4ft. wide, in 50ft. reef 2ft., and in others from 4in. to 1ft. 5-head stamp battery.

Yields: 79oz. of retorted gold.

Area: 6 acres.

Postal and Telegraphic Address: Nelligen.

The gold is so fine that it cannot all be saved in the ordinary way of crushing, the loss being estimated from 15dwts. to an ounce per ton.

[Government aid was granted to the party in 1896.]

MAYFIELD COPPER MINE.

Burrowa.

RYE PARK DIVISION.

Proprietors: T. R. Rowe, R. Slevsor, F. Osborne and others.

Manager: Thomas R. Rowe.

Development: Costeening and trenching: Prospecting shaft 108ft. on the underlay, passing through the lode. The lode at the end of the shaft varies in width from 2½ to 3ft. 6in., assaying 22½ to 24¾ p.c. copper; gold to 17dwts. 9grs., silver 6 to 9 oz. per ton. Levels at 90ft., 108ft., showing lode. From the surface of the mine it is held that large and compact lodes of rich copper ore are below. Main shaft being sunk to intercept lode at 100ft.

Yields: About 50 tons crude ore assaying $28\frac{1}{2}$ oz. copper and $\frac{1}{2}$ oz. gold, 7oz silver to the ton.

Area: 20 acre and 80 acre blocks.

Postal and Telegraphic Address: Burrowa.

* SAMUEL MEAD AND PARTY.

Brown's Camp.

DELEGATE DIVISION.

Yields: For October, about 60oz.

MOBB'S UNDAUNTED MINE.

Frogmore.

BURROWA DIVISION.

Proprietors: Isaac Augustus Mobbs and party.

Resembles the formation at The Peak, Cobar, topographically, geologically, and in mineralization. [See Mines Too Late for Classification.]

THE MOGO GOLD MINING CO., N. L.

Mogo.

MORUYA DIVISION.

Registered Office: 88 King-street, Sydney.

Registered: 23rd January, 1897.

Nominal Capital: £1,250 in 5,000 shares of 5s. each.

Issued: 4,875 shares.

Amount Called up: 3s. 6d. per share.

Directors: J. E. Scantlebury, C. D. Edinburg, W. M. Snowdon, John

Farrell and Michael Cohen.

Legal Manager: John Bray.

Development: Tunnel about 80ft., shaft 160ft.

Area: 10 acres, parish of Tomago, county of St. Vincent.

Postal and Telegraphic Address of Mine: Mogo.

* MORNING STAR GOLD MINE.

Pambula.

PAMBULA DIVISION.

MORUYA SILVER MINE (Also Gold.)

Moruya.

MORUYA DIVISION.

Proprietor: Francis H. Guy.

Mine Manager: Francis Guy.

Development: Sunk by original proprietors about 240ft., and drive about 300ft. on the course of the lode. Several hundred tons of ore have been shipped to London, but it was of such a refractory nature that a low price only was obtained. The mine was idle for some years in consequence and was sold to the present proprietors in 1871 by Mr. Want, and resold to a London company who made no effort at development. Since taken up by Francis H. Guy, the ore has proved rich in both silver and gold. A Government assay some years since gave 4oz. gold and about 20oz. silver per ton. Till recently, however, there was no means of treating it. At present stoping from old workings. 10 head battery. Frue vanner, steam pumps.

Area: 20 acres.

Postal and Telegraphic Address: Moruya.

This mine was opened 35 years ago by Sir Saul Samuel, the late Thos. Mort, and Mr. Want. Mr. Guy worked it for nine years for free surface gold.

MOUNT ELLINGWOOD GOLD MINE.

Bombala.

BOMBALA DIVISION.

Proprietors: Jas. Ellingwood, William Haggar, Senr., Charles Haggar, John Haggar, William Haggar, Junrs.

Development: No machinery at present is connected with the mine. No. 1 shaft 40ft., width of lode (felsite.) 24ft.; No. 2 quartz reef, depth 30ft. width of lode 2ft.; No. 3 shaft 43ft, width of lode 9ft.

Yields: 200 tons at grass. Assay of stone taken from No. 1 shaft yielded 5dwt. to 25dwt, No. 2 shaft ½oz. to 4oz., No. 3 shaft ½oz. to 2½oz. per ton.

Area: 20 acres.

Postal and Telegraphic Address: Bombala.

MOUNT GAHAN GOLD MINING CO., N. L.

PAMBULA DIVISION.

Registered Office: Pambula.

Registered: 28th November, 1891.

Nominal Capital: 45,000 shares, at £1 per share, paid up to 18s. per share.

Called up: 2s. per share.

Dividends to date: 3s. 6d. per share.

Directors: A. L. Munn, P. J. Clinch, Meranbulla; F. T. Stennett, Bega; B. H. McCabe, Lochill, Pambula.

Legal Manager, General Manager, and Assayer of Battery and Cyanide Works: John Bellamy Wilkins.

Mine Manager: John Johnston.

Engineer at Battery: Geo. Harrison.

Development: 20-head stamp battery, 4-vat cyanide plant, capable of treating 120 tons weekly. Since erection of cyanide plant two years ago 1,800oz, had been won from company's tailings and slimes. Vertical shaft is being sunk to cut Falkner Co.'s lode at about 500ft. Shaft is 10ft. 6in. by 3ft. 6in., inside timbered, divided into one ladder and two cage ways; present depth 430ft. (October). All sawn timber inside.

Area: 26 acres.

Postal and Telegraphic Address: Pambula.

MOUNT LEWISSON GOLD MINING CO., Ltd. Pambula.

PAMBULA DIVISION.

Registered Office: 40A Sydney Arcade, Sydney.

Registered: 21st April, 1893. Nominal Capital: £25,000

Issued: 25,000 shares.

Called up: 12,500 paid up fully, 22,500 paid up to 15s. each.

Directors: H. J. Solomon, C. H. Lewisson, S. Solomon, A. I. Munn.

Secretary: Arthur J. Davis.

Mine Manager: J. Brown.

Development: For the half-year ended September 30th lower tunnel driven 53ft. and timbered securely; a rise 26ft. to connect winze from main tunnel, in order to ventilate workings, also securely timbered. The water is very troublesome. On lode stuff.

Area:

Postal and Telegraphic Address of Mine: Pipe Clay Creek, Pambula.

As the water prevents further sinking at present, the directors are considering the advisableness of erecting machinery to cope with it.

MOUNT MONSEN GOLD AND SILVER MINING SYNDICATE.

WOLUMLA DIVISION.

Proprietors: E C. Bingeman, S. A. Hewitt, T. Hyperan, J. Farraher, Candelo.

Mine Manager: P. Durkin.

Development: Main shaft 80ft.; two underlay shafts on reef 45ft. and 40ft., one underlay shaft on reef 30ft., drive from surface 156ft., cross-cut from drive 78ft.; a small amount of ground stoped in No. 1 underlay shaft, and considerable amount of surface work.

Yields to date: 74 tons crushed yielding 402oz. of gold and 1,425oz. silver.

Area: Seven acres.

Postal and Telegraphic Address: Wolumla.

As the stone has to be carted 20 miles, only first-class stuff was crushed, and the proprietors have a large quantity of low grade ore which will be treated locally by a 5-stamp Huntington mill in course of erection.

MOUNT PHŒNIX NORTH MINE.

NERRIGA DIVISION.

Proprietors: The Leech Exploration and Finance Syndicate Ltd., Austral Chambers, 41 Pitt-street, Sydney.

Managing Director: G. W. Leech, Austral Chambers, Sydney,

Mine Manager: J. Travers.

Development: Two lodes opened up by trenches 15 and 20ft. wide.

Yields: Assays only.

Area: 20 acres.

Postal and Telegraphic Address of Mine: Nerriga.

Property not yet opened up; intend to open by adits at a depth of 1,100ft.

* MOUNT UNA GOLD MINING CO.

Jingera.

PAMBULA DIVISION.

Development: Two shafts; No. 1 about 100ft. on good lode; No. 270ft. It is the reported intention of the proprietors to erect machinery for the local treatment of ores. A dam is in course of construction.

Yields: Several hundred tons at grass.

* NEW HOPE MINE. Near Wagonga. WAGONGA DIVISION.

* NICHOLAS AND PARTY.

Brimbramalla.

BATEMAN'S BAY DIVISION.

NIL DESPERANDUM.

Major's Creek.

BRAIDWOOD DIVISION.

Proprietors: Henry W. Roberts, Daniel Jocelyn, William Laurie, Ernest Horsnell, Major's Creek.

Development: Tunnel in to catch the reef at a depth of 100ft. from surface, and for the purpose of draining water out of the reef. Two timbered 6ft. by 3ft. shafts down on to level of drive.

Yields: 50 tons freestone yielded 48oz. 16dwts. gold; 10 tons at grass.

Area: 10 acres.

Postal and Telegraphic Address: Major's Creek.

PAMBULA MINES, Ltd.

PAMBULA DIVISION.

Registered Office: 45 and 46 Broad-street, Avenue, London, E.C.

Registered: 5th December, 1895.

Capital: Authorised, £115,000, in 115,000 shares of £1 each (having been reduced from £120,000 by resolution passed on the 13th and confirmed on the 30th January, 1897.) The capital of the former company was £100,000 in £1 shares, of which 90,107 were issued and fully paid, and a similar number of shares in the new company credited with 17s. 6d. per share as paid, were to be issued in exchange, share for share.

Directors: Brig.-Sur., Lieut.-Col. E. C. Bensley (*Chairman*), Lieut.-Col. H. Seymour Blaydes, R. H. Wenscraft, J. S. Wood, D. K. Inglis.

Secretary: C. W. Cordery.

Local Secretary: Geo. Robson, P.O. Chambers, Pitt-street, Sydney.

Mine Manager: H. Ubrien.

Development: Proceeding and machinery in course of erection.

Area: About 19 acres.

This company is a reconstruction of the Pambula Gold Mines, Ltd., registered on the 5th December, 1895, to acquire leases 14, 15, and 16, Pambula Gold Field, parish of Yowaka, comprising about 19 acres, the property being traversed by the well-known Falkner lode, and situated about five miles from the ports of Merimula and Eden. The purchase consideration paid by the Pambula Gold Mines, Ltd. was £80,000, payable £10,000 cash and £70,000 in (70,000) fully-paid shares.

PINNACLE GOLD MINE.

Yalwal.

YALWAL DIVISION.

Proprietor: Francis W. King, 2 O'Connell-street, Sydney.

Caretaker: Robert Stenhouse.

Development: The plant consists of a heavy 15-head battery with necessary engine power.

Area: 3 acres 11 perches, mining tenement 2 roods 80 perches.

Postal and Telegraphic Address of Mine: Yalwal.

A large, poor auriferous deposit in which rich patches occur. The amount of gold saved from the general run of stone by the ordinary battery process varies from 3 to 6dwts. per ton, the tailings showing losses of from 10 to 15dwts. per ton.

PIONEER ALLUYIAL MINE.

Rat's Head Creek.

WAGONGA DIVISION.

Proprietors: G. H. Bushell, A. H. Morgan, P.O., Wagonga.

Development: Working on open face. Pump and sluice boxes, closely boxed

race, 900ft. long, 2ft. in the clear.

Yields: loz. to the load.

Postal and Telegraphic Address: Wagonga.

Formerly held by R. Simpson and party. Not thoroughly developed for want of capital.

PIONEER GOLD MINING CO.

Yalwal.

YALWAL DIVISION.

Proprietors: John Stewart, J.P., James Stewart, J.P., Berry; John Faulks, J. Brush, R. T. Thornton. J.P. (Nowra).

Yields: Up to June last about £29,000.

Mine Manager: R. T. Thornton.

Development: The working plant—to which a cyanide plant is now being added—comprise:—40-stamper battery, made by Thompson and Sons, of Castlemaine, Victoria (all set up in wrought iron frames, and so geared upon main driving shaft that any set of 5-head may be uncoupled at will) capable of reducing 8½ tons per stamp per day, or 500 tons per week, according to the gauge of the screens, 8 Tullock's automatic ore feeders, dodge rock braker or smelting furnace and fans, all worked by 175 H.P. engine and 200 H.P. Babcock and Willcock's tubular boilers, besides about half-a-mile steel tramway adits, shafts, quaries, water mains, sluices, sheds, dwelling-house, store rooms, etc., which cost as they stand slightly over £33,000.

Postal and Telegraphic Address of Mine: Secretary, Pioneer Gold Mine, Nowra, N.S.W.

Area: 40 acres.

The mine has been worked by present owners about six years, and held as a "Home Property." The stone is worked on the open-cut principle of mining, and, generally speaking, low grade, but as the cost per ton for quarrying, milling, etc., does not exceed 4s. 7d. (mine to mint inclusive), and the dyke or lode being of indefinite width very low grade ore can be worked at a profit. The ground worked by the Pioneer Co. adjoins that of the Homeward Bound Co.'s lease. All the leases at Yalwal work on lode stuff. In the Pioneer 'the lode is auriferous and worked over an area of 40 acres, through an immense "mother lode" of great width, with transverse leaders occasionally very high in grade, passes striking N. and S. This quartzite lode is dipping 45deg. E., and is flanked by silurian slates (foot wall), and highly indurated siliciocs slates and diorite (hanging wall). There is an abundant supply of water, and as the lode is worked from adits at a height of 200ft. from battery the stone can be treated at exceptionally low cost.

* PIONEER MINE,

Delegate.

DELEGATE DIVISION.

* PIONEER MINE. Hoddle's Creek.

BOMBALA DIVISION.

Development: Main shaft down about 90ft. on reef averaging 12 inches;

A battery is in course of erection.

Yields: A trial crushing of 10 tons is reported to have yielded 2oz. to the ton, and a further crushing of 50 tons for 60oz.

PLUM'S REEF MINE. Spring Creek.

MAJOR'S CREEK DIVISION.

RED HILL GOLD MINE SYNDICATE.

Yass.

YASS DIVISION.

Proprietors: T. R. Rowe, R. Slevsor, F. Osborne, and others.

Development: A large amount of work with satisfactory results to the proprietors. Shafts 70ft., 96ft., 88ft., 65ft. Crosscut in 70ft. shaft 55ft. in immense lode formatiom. Various exploration work.

Yields: 100,000 tons stone in sight, estimated with latest treatment to average from 16dwt. to loz; 5 tons treated at Clyde works gave a nett result of 25oz. 11dwt.; 6 tons 15oz. 11grs. nett; 6 tons treated at Footscray yielded 21½oz. 8grs. nett.gold per ton.

Area: 14 acre block leasehold, with right to a further 20 acres.

Postal and Telegraphic Address: Yass.

The property is regarded as a dividend paying one.

JAMES RILEY.

Coolagolite.

COBARGO DIVISION.

Development: A 5-head stamp battery, 8 H. P. engine and boiler, with steam pump.

RISE AND SHINE MINE.

Major's Creek.

MAJOR'S CREEK DIVISION.

Proprietors: W. F. Stewart, G. Turner, W. E. Simpson, C. J. Lewis.

Mine Manager: Managed by the proprietors.

Development: No. 1 shaft, 110ft.; No. 2 shaft, 55ft. In No. 1 shaft the 100ft. level is 50ft.; still driving on beautiful pyrites ore. The concentrates go 20 per cent. to the ton.

Yields: Crushed 4 tons of free stone, yielding 4oz. 8dwt., also 4 ton of pyrites ore, yielding 8dwt. of free gold to the ton, and 16½cwt. of concentrates, which yielded 4oz. 17dwt of gold, 23oz. silver, and 18 per cent. of lead to the ton.

Area: About 5 acres.

Postal and Telegraphic Address: Major's Creek.

No stone has been stoped out of the mine yet. About 20 tons at grass, taken out of shaft and drive. Reef averages 4in., with a lode formation of 18in., which, it is anticipated, will widen with depth.

* ROBERTSON AND DONNELLY (Prospector's Claim).

Jingera.

PAMBULA DIVISION.

Reported in October to have crushed 26 tons at Mount Gahan Battery for a yield of 78\frac{1}{2}0z., with tailings and concentrates still to be treated.

SHOALHAYEN SLUICING COY.

BRAIDWOOD DIVISION.

Proprietors: Messrs. Johnson & Neales, Adelaide.

Consulting Engineer: E. W. Finch, 63 Pitt-street, Sydney.

Development: About 88 miles of race already constructed. One large dam 70ft. high and 2 smaller dams. Drift now being worked in 60ft. face Other large working faces open at Spa, Black Springs, and Yellow Springs, varying from 20 to 80ft. thick. Various tail races and lengths of sluice boxes, &c. Spa and Yellow Springs awaiting construction of new race. Land and water by gravitation. Over £45,000 already spent on properties.

Mine Manager:

Area: About 900 acres.

Postal and Telegraphic Address of Mine: J. C. F. Johnson, Adelaide.

-Surveys, &c. have been made and plans and estimates completed for the construction of a large gravitation water supply. A new concrete dam is proposed at a cost of £6000; enlargement of present race for 18 miles at cost of £4000; new race 25 miles at cost of £4,000 to £5,000; about 1 mile of flumes and 2½ miles of inverted syphon of 36in. diameter pipes. Estimated cost of above works, £35,000.

SINCLAIR AND PARTY.

Towamba.

TOWAMBA DIVISION.

* SMITH, J. AND PARTY.

Nungatta.

TOWAMBA DIVISION.

* SPECULATION MINE.

Pambula.

PAMBULA DIVISION.

Reported to have been baled out, re-timbered and made safe for working, which it is expected will be on an extensive scale. When last worked the returns were satisfactory.

STAINBRIDGE AND LAWSON.

Timbillica Creek.

TOWAMBA DIVISION.

Development: 5 head battery. Shaft very wet at the 50ft. level. Country decomposed granite, carrying honey-comb iron quartz, veins showing gold and pyrites freely throughout.

* STEPHENSON AND PARTY.

Brimbramalla.

BATEMAN DIVISION.

Development: Shaft 112ft. (water level).

Yield: There are four lines of reef running parallel to each other, about 50ft. apart, averaging 1ft. wide, and yielding from loz. to 5oz. per ton of free gold. Reefs underlay south between well-defined slate walls.

Area: 4 acres.

Postal and Telegraphic Address: Brimbramalla, via Nelligen.

STUART'S REEF MINE. United Miner's Hill, Major's Creek. MAJOR'S CREEK DIVISION.

* TIER AND MEAKER'S CLAIM. Wolumla.

WOLUMLA DIVISION.

Reported in October to have struck splendid gold. The claim lies between McDonald's and the Mount Momsen Mine, having a quartz lode running nearly east and west between well-defined walls. Assays made at Pambula from large samples taken indiscriminately from various parts of the lode gave very high results.

THE UNITED MINERS' CLAIM.

United Miners' Hill.

MAJOR'S CREEK DIVISION.

UNITED SIR WILLIAM DON GOLD MINING CO., N. L. Pegg's Hill.

NERRIGA DIVISION.

(To be registered under the No Liability Act). Nominal capital: £6,000 in shares of £1 each.

WALLAH WALLAH SILYER AND LEAD MINE. Rye Park.

RYE PARK DIVISION.

Proprietors: Masey Bros. and Co.

Sydney Representative: T. S. Huntly, Post-office Chambers, Sydney.

Mine Manager: E. Masey.

Development: £5,000 has been spent in development by sinking shafts driving, and blocking out ground for stoping. Now starting to send away a constant supply of ore, 200 tons of which has left the mine containing about 40 per cent. lead and 40oz. silver. No machinery on the ground. Postal and Telegraphic Address: Rye Park.

* WELCOME MINE.

Pambula.

PAMBULA DIVISION,

WELCOME REEF MINE.

Little River, Braidwood.

BRAIDWOOD DIVISION.

Proprietor: C. R. Howe.

Syndicate in course of formation.

Area: 25 acres.

* WAY-NOT CLAIM.

Bonang.

BOMBALA DIVISION.

Proprietors: Hassett and Jones.

* WHYTE BROS.
Stony Creek.

BATEMAN'S BAY DIVISION.

YOUNG AUSTRALIAN CLAIM.

Major's Creek.

MAJOR'S CREEK DIVISION.

Proprietors: Samuel Holmes, Major's Creek.

Manager: Managed by the Proprietor.

Development: Shaft sunk 106ft., 6ft. x 3ft. 6in. in the clear, and closely timbered with 2in. planks, and centre with ladder way; drive, 37ft.

Yield: 5 tons averaging 3oz. gold per ton.

Area: About 5 acres (private land).

Post and Telegraphic Address: Major's Creek.

This leader on small reef was worked in the early days of mining on Major's Creek down to a depth of about 70ft. to the hard rock. It was reported to have been exceedingly rich. Early in the present year Mr. Holmes undertook to sink a new shaft to further develop the mine, but up to the present the future prospects are not regarded as encouraging, as the country is exceedingly hard, and the reef only 2in. wide.



GEOLOGICAL SECTION.



ANTIMONY.

Owing to the low price prevailing for this metal its output has been very much reduced. The Hillgrove field which produced 682 tons in 1895, valued at £9,480, only returned 71 tons in 1896, valued at £907. About 80 tons were raised last year at Bowraville in the Kempsey district, and realised £7 per ton. Antimony lodes have also been worked at Sugarloaf and Codebah in the Peel and Uralla Mining District, but owing to the high rate of carriage and the low price of this metal, work is at a standstill. The total quantity exported during 1896 was 132 tons, valued at £1,834, a decrease in value of £5,417 compared with the previous year.

The Elanora Gold and Antimony Mining Co., N. L., Hillgrove. Garibaldi Mining Co., Ltd., Hillgrove.

BISMUTH.

THERE were 41 tons of this ore exported from the Colony during the year 1895, the declared value being £490. This metal is found in the Glen Innes, Pambula, and Nymagee Districts, but the demand for it is limited.

Jingera Mineral Proprietary, Jingera, near Pambula, and Robert Saddington, Commercial Chambers, Bond-street, Sydney.

CHROME.

Only one Chrome Mine is known to be working in the Colony at present, namely, Quilter's Chrome Mine at Coolac, from which the total yield has been 3000 tons, valued at £1,000, the very low price of this mineral having restricted its output. Immense deposits of chrome ore exists in the Bingara Division, which are said to also carry gold. In 1895 the mines in the Gundagai Division yielded 5,500 tons, valued at £20,000: the following year the output is set down at 1,000 tons, valued at £3,000.

COAL AND SHALE.

With regard to Mines marked * the statistics have been compiled from official returns.)

The total output of Coal in the colony for the year 1896 is officially recorded as 3,999,517 tons, valued at £1,125,280, while prior to 1829 the total amount produced was 50,000 tons, valued at £25,000. The increase for last year on the preceding twelve months was 170,927 tons, and with the exception of the yield in 1891, which was 4,037,929 tons, the output was the highest for any year since the opening of the coal fields in 1829. The average price per ton last year 5s. 9.06d. was the lowest recorded, and was 1.23d. per ton lower than the previous year. There were 9,233 men employed in and about the New South Wales collieries during 1896, and 227 in the shale mines, making a total of 9,460 men, an increase of 438 on the previous year.

Australian Agricultural Co.

NEWCASTLE.

General Superintendent: J. Gregson.

Output 1896: 195,214 tons, valued at £62,106; men employed 522.

* Bayley's Reward.

LAMBTON.

Output for 1896, 110 tons, value £27.

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149 & 150 Vickery's Chambers, 81 Pitt-st.

SYDNEY.

Representing EASTON, ANDERSON & GOOLDEN, Ltd.,

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Coal Cutting, Hauling, Winding, Pumping, Lighting Traction. E.A. & G's. Electric Hauling Plant alone effects a saving of £2000 per annum in the Earnock Colliery, Hamilton, Scotland.

The Otto Ariel Wire Ropeways Co., Ltd.

The Pioneers of this system of transport erect lines complete through the roughest country, successful operation guaranteed.

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The Hornsby-Akroyd Oil Engine.

Adopted by the British, American & Russian Governments. Several in use at Brown Hill Mine, W.A., &c.

Smedley Bros., Ltd., Belper, England.

Edge Runner, Grinding Milis of Every Description.

For all descriptions of material, wet or dry, for all purposes. For over 30 years the most celebrated makers of the above.

The Patent Wire-wove Waterproof Roofing

COMPANY, Ltd., LONDON.

Roofing Lighter, Cheaper, more Durable than Gal-vanised Iron.

Bellambi Coai Co. Proprietary Ltd.

Registered Office: 467 Collins-street, Melbourne.

Sydney Office: Exchange Corner, 63 Pitt-street, Sydney.

Nominal Capital: £60,000.

Issued: £55,000.

Called up : £55,000.

Dividends: £16,250.

Directors: M. D. M'Eacharn (*Chairman*), Melbourne; Hon. Nicholas Fitzgerald, M.L.C., Hon. Thos. Loader, R. R. Woolcott, J.P., F. K. Terry, Melbourne; James Burns (Burns, Philp & Co., Ltd.), Sydney.

Local Secretary: Frederick Woolcott Waley, J.P., 63 Pitt-street, Sydney.

Mine Manager: George Carter.

Secretary: W. W. Cudgeon, Melbourne.

Development: Colliery complete, locomotive winding, pumping, and hauling engines, 8 miles railway, 700 tons waggon skits, etc. Jetty 1,300ft. long, with 21ft. at low water, and fitted for shipping 800 tons per hour. 2 steam colliers and one hulk, capacities 2,000 tons.

Area: 780 acres.

Postal and Telegraphic Address of Mine: Bellambi.

The Bellambi Coal Company Proprietary, Ltd., has purchased, and is sole agent for the whole output of the South Bulli Colliery and adjoining Bellambi property. Output, about 200,000 tons per annum.

* Black Diamond Colliery.

BLACKMAN'S FLAT.

Output, 1896: 150 tons, valued at £26; men employed 8.

* Bloomfield Colliery.

EAST MAITLAND.

Output for 1896: 2,000 tons, value £600; 18 men employed.

Bulli Colliery.

BULLI.

Proprietor: George Adams, Tattersall's Hotel, Pitt-street, Sydney.

Sole Selling Agents: G. S. Yuill & Co., Ltd., 6 Bridge-street, Sydney.

Mine Manager: John Johnson.

Output: 500 tons per diem.

* Bundanoon Colliery.

BUNDANOON.

Manager and Lessee: Mr. Palmer.

Output for 1896: 2,173 tons, valued at £671; men employed, 17,

Formerly known as the Erith Colliery.

Burwood Extended Coal Co.

(IN LIQUIDATION).

Messrs. W. Shearstone and Leonard Dodds, 131 Pitt-street, Sydney.

* Centenary Colliery.

CURLEWIS.

Output for 1896, 12,052 tons, value £4,821. 38 men employed.

Coal Cliff Colliery.

Proprietor: Hon. E. Vickery, 78 Pitt-street.

Colliery Manager: John M'Geachie.

Development: Fully developed for an output up to 500 tons per day. The tunnel mouth is situated in the face of the Sea Cliff, and the coal is shipped direct into colliers alongside the colliery jetty.

Yields: 22,272 tons coal for 1896.

Area: About 5,200 acres.

Postal and Telegraphic Address of Mine: Clifton.

Cooerwull Colliery.

BOWENFELS.

Proprietor: J. L. Brown, Bowenfels.

Leased to Messrs. Thompson and M'Donald (Tweed Factory) who have the privilege of getting from the mine coal required for the factory only. Employs one man half-time.

Co-operative Colliery.

WALLSEND.

Proprietors: Wm. Laidley and Co., Pitt-street, Sydney.

Manager (Newcastle): Francis J. Doddmeade.

Mine Manager: James Burr.

Development: Five stationery hauling engines, 14 miles of wire rope, electric pumps and plant complete to put 15,000 tons of coal over the screens daily. Rolling stock comprises 300 box and hopper railway waggons. The coke ovens turn out between 7,000 to 8,000 tons coke annually.

Yields: Since the mine opened 5,000,000 tons coal have been raised.
Annual output averages 200,000 tons.

Area: 2,000 acres leasehold, 1,500 freehold.

Postal and Telegraphic Address: Wm. Laidley and Co., Pitt-street, Sydney, and Wm. Laidley and Co., Scott-street, Newcastle.

The Co-operative Colliery is situated at Wallsend, eight miles from the Shipping Dyke, Newcastle Harbour. The seam is known as the Old Borehole, a bright, vetumous coal, used for household, steam, and gas purposes. Principally shipped to San Francisco, Honolulu, Batavia, and the East, in addition to intercolonial ports.

The Corrimal Coal Co., Ltd.

Registered Office: 7 Hamilton Chambers, Hamilton-street, Sydney.

Name of Mine: The Corrimal Coal Mine, Corrimal, near Wollongong.

Registered: October, 1891 Nominal Capital: £50,000.

Issued: 50,000 shares at £1 each.

Called up: £45,000.

WORTHINGTON PUMPING ENGINE CO.

SIMPSON BROTHERS,

32 Clarence

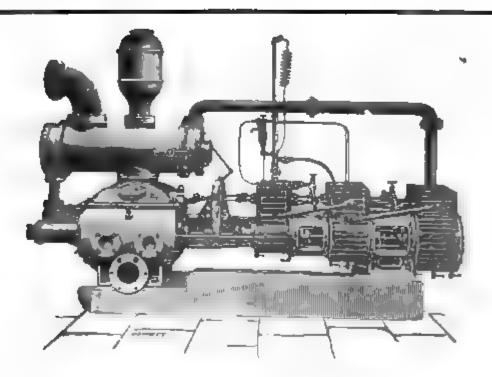


St., Sydney.

PUMPS

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ALL SERVICES Kept in Stock.



Triple Expansion Compound Surface Condensing Pumping Engine

ESTIMATES & CATALOGUES ON APPLICATION.

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Dividends: £9,846 0s. 10d.

Directors: W. Beaumont, Burwood; J. D. Wilham, North Sydney; H. C.

White, Havilah.

Secretary: Thos. Gillespie.

Development: In full work as a Coal Mine.

Area: 284 acres.

Postal and Telegraphic Address: Corrinal.

The Corrinal Coal Co., Ltd. is almost a Private Co. No shares have been offered on the market, and the mine is let on Tribute to the Southern Coal Company of New South Wales, Ltd.

Cullen Bullen Coal Proprietary.

Proprietors: S. L. Bensusan, 12 O'Connell-street; S. H. Joseph, 8 O'Connell-street; Frank Beames, 476 George-street, Sydney; R. C. and L. Deane (executors late R. Deane), c/o R. C. Deane, Commercial Banking Co. of Sydney, Head office.

Secretary: Darrell A. Bensusan, 12 O'Connell-street, Sydney.

Mine Manager: A. J. Bensusan.

Yields: Output for 1896—Large Coal, 29,819 tons 14cwt. 8qrs.; Small Coal 3,755 tons 13cwt. 1qr.

Area: 1,469 acres.

Postal and Telegraphic Address of Mine: Cullen Bullen.

Duckenfield, Brown's and Merthyr Collieries.

NEWCASTLE.

Proprietor: James Alexander Brown, Newcastle.

Manager: Richard Thomas.

Development: Capable of producing £1,500 tons per day.

Area: 5,600 acres, freehold.

Postal and Telegraphic Address: Newcastle.

The coal seam wrought is the well-known "Borehole" seam

Dudley Colliery.

Proprietress: Mrs. S. M. M'Gaw, Manly.

Shipping Managers: Dalgetty and Co., Newcastle.

Mine Manager: Hugh Humphreys.

Development: Complete plant of most modern description, and workings opened out for an output of 1,000 tons per day. The colliery is joined to Government railways by a private line.

Postal and Telegraphic Address: Dudley, via Newcastle.

The colliery is in full work. During 1896, 269 men were employed, and 84,249 tons of coal won.

* Dulwich Colliery.

SINGLETON.

Output for 1896, 4,142 tons, value £1,549; 12 men employed.

* Durham Colliery.

LAMBTON.

Output for 1896: 552 tons, value £138; 8 men employed.

East Greta Coal Mining Co., Ltd.

Registered Office: Bond-street, Newcastle.

Name of Mine: East Greta Collieries, near West Maitland.

Nominal Capital: £50,000.

Issued: £49,480.

Called up: All.

Dividends: 5 per cent. the last.

Directors: O. K. Young (Maitland), W. J. Gillain, G. F. Earp (Newcastle),

Edwd. Fanning, J. B. Guest, Job Smith, Melbourne.

Mine Manager: Azariah Thomas.

Development: £42,247, including private branch railway line to the mine, but excluding the price of the freehold.

Area: About 300 acres.

Postal and Telegraphic Address of Mine: East Greta Colliery, near West Maitland.

* Ebbow Yaie Colliery.

NEW LAMBTON.

Output for 1896: 15,678 tons, value £4,429; men employed, 87.

Elesmore Yale Colliery.

WALLSEND.

Proprietors: Maddison and Co.

Nominal Capital: £1,500.

Amount Called up: £1,500.

Directors: W. M. Johnson, Kemp-street; Robt. Maddison, Brookes-st., Wallsend.

Mine Manager: Robt. Maddison.

Development: Engine, boiler, 6 horses, and sixty (60) skips.

Area: 25 acres.

Postal and Telegraphic Address: Wallsend.

The above is leasehold from the Wallsend Coal Co. for 10 years commenced January, 1891. Consequently there is no rolling stock on surface.

* Elliott's Colliery.

SINGLETON.

Output for 1896, 405 tons, value £202; men employed, 8.

Esk Bank Colliery.

ESKBANK IRONWORKS.

Proprietors: William Sandford, Lithgow.

Mine Manager: John Spooner.

Development: The mine has been worked about 20 years, turning out about 30,000 tons of coal per annum, which is chiefly used for Government locomotives, being a first-class coal for the purpose. The shaft is about 60ft. deep, and the colliery is fully equipped with engine, boilers, and pumper for three times the output.

Area: 1,700 acres of unworked coal.

Postal and Telegraphic Address: Lithgow.

In connection with the above is an adit worked for supplying coal for the iron works and copper smelting works where about 20,000 tons of coal is taken out, and the same skips which run to the place of the coal are taken right round the works and tipped to the furnace bins.

Folley Colliery.

LIDSDALE.

Proprietor: Henry Rees Maddox.

Development: Main Drive 200 yards north. Three splits into air shaft, two driven about 85 yards, and one 10 yards.

Yields: For present year to October 1st, 280 tons.

Area: 20 acres.

Postal and Telegraphic Address: Lidsdale.

* Gladstone Colliery.

GUNNEDAH.

Output for 1896: 417 tons, value £167; men employed 16.

The Glen Alice Coal and Shale Mining Co., Capertee, N.L.

Registered Office: 122 Vickery's Chambers, 82 Pitt-street, Sydney.

Registered: 9th March, 1895.

Nominal Capital: £4,000 in 4,000 shares of £1 each.

Issued: 8,700 shares.

Called up: 7s. 6d. per share.

Directors: William Springthorpe Dowel, 82 Pitt-street; Richard Windeyer

Robertson, Legislative Assembly.

Legal Manager: Chas. B. Roden.

Area: 4,200 acres, held under the 28th section of the Mining Act.

Postal and Telegraphic Address: Glen Alice, via Rylstone.

Granbalang (No. 2 Pit) Colliery.

RIX'S CREEK.

Proprietors: John Elliott, Rix's Creek, Singleton (land owned by Mrs. Campbell, Sydney).

Manager: John Elliott.

Mine Manager: James Stevenson.

Development: One shaft has been sunk 60ft.; air shaft; longest board

driven, 300 yards; worked by horse power whim.

Yields: For 1897—to 9th October—1,500 tons.

Area: 2 miles.

Postal and Telegraphic Address: Singleton.

The Greta Coal Co., Ltd.

Registered Office: 8 Macquarie Place. Registered: 26th September, 1895.

Nominal Capital: £50,000.

Issued: 40,000 shares at £1 each.

Called up: £40,000.

Directors: T. Cowlishaw, H. Cowlishaw, Sydney; J. Jobson, Melbourne.

Secretary: H. E. Webb. Mine Manager: J. Dixon. Development: £63,530.

Area: 680 acres.

Postal and Telegraphic Address of Mine: Greta.

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* Gunnedah Colliery.

GUNNEDAH.

Output for 1896: 5,170 tons, value £1,615; men employed, 16.

Kyuga Colliery.

MUSWELLBROOK.

Proprietors: Mrs. E. H. Cox, Kyuga, Leaseholder: H. Hyronimus, Kyuga.

Mine Manager: H. Hyronimus.

Development: One shaft 100ft., also an air shaft. Manager's cottage, dam,

blacksmith's shop. Horse power used.

Yields: For this year 685 tons.

Area: 5 acres.

Postal and Telegraphic Address: Kyuga, Muswellbrook.

* Hermitage Colliery.

LITHGOW.

Output: 81,754 tons valued at £6,155, men employed 35.

* Hetton Coal Co., Ltd.

CARRINGTON.

Output for 1896: 178,548 tons, value £57,905, men employed 418.

* Hill End Colliery.

BULLI.

Output for 1896, 779 tons, valued at £205.

* Hillside Colliery.

WARATAH.

Output for 1896, 2,012 tons, value £450: men employed, 3.

* Ivanhoe Colliery.

PIPER'S FLAT.

Output for 1896, 4,304 tons, valued at £861; number of men employed, 7.

* Irondale Colliery.

PIPER'S FLAT.

Output for 1896, 667 tons, valued at £150; men employed, 2.

* Lambton Colliery.

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LAMBTON.

Output for 1896: 47,505 tons, value £14,813; men employed 173.

* Lithgow Yalley Colliery.

LITHGOW.

Output for 1896: 31,816 tons valued at £6,184; men employed 31.

Lithgow Coal Association.

Office: 5 Post Office Chambers, 114A Pitt-street, Sydney

Chairman: W. Briggs, Secretary: J. S. Bragg.

Members: Eskbank Colliery, Representative, W. Sandford; Hermitage Colliery, Representative, E. Gell: Lithgow Vale Colliery Co., Ltd., Representative, T. T. Wilton; Oakey Park Coal Mining Co., Ltd., Representative, W. Bragg; Vale of Clwydd Coal Mining Co. Ltd., W. Bragg; Vale Colliery, proprietors the Bank of New Zealand Estates Co., Ltd., Representative, T. Chapman; Zig Zag Colliery, Representative, T. Saywell.

Each Colliery is entitled to one representative on the Board, the names being shown above. The Association was formed on the 1st July, 1892.

* Louisvale Colliery.

EAST MAITLAND.

Output for 1896, 54 tons, value £12.

* Marshall's Colliery.

EAST MAITLAND.

Output for 1896, 462 tons, value £106; men employed, 2.

* Maryland Colliery.

PLATTSBURGH.

Output for 1896. 27,050 tons, value £7,115; men employed, 50.

Mason's Colliery.

LAMBTON.

Abandoned since December, 1896, owing to flood water.

* Meredith Colliery.

LAMBTON.

Output for 1896: 767 tons, value £179; men employed, 2.

Metropolitan Coal Co. of Sydney, Ltd.

HELENSBURGH.

Offices: 15 Macquarie Place, Sydney; and College Hill Chambers, Cannon-street, London.

Manager: Thos. Kerr.

Mine Maneger: D. A. W. Robertson.

Development: Winding shaft, 16ft. diarreter, 1,100ft. depth to 11ft. steam coal; 1,150ft. to 5ft 6in. semi-bitumen. Fitted with direct acting winding engine, 2 cylinders, 34in. diameter by 8ft. 6in. stroke, capable of raising 1,500 tons per shift of eight hours. Two hauling engines for operating extensive system of underground endless rope haulage. 9 large Lancashire boilers. One air shaft 1,080ft. to steam coal, fitted with winding engine and Schiele ventilating fan; capacity, 400,000 cubic feet per minute.

Area: 20,000 acres.

Postal and Telegraphic Address: Helensburgh, Illawarra Line, 28 miles south from Sydney.

* Mount Kembla Colliery.

WOLLONGONG.

Output for 1896: 173,675 tons, valued at £48,606.

Morley Colliery.

GUNNEDAH.

Proprietors: Watkin W. Lord, Rosemary-st., Gunnedah.

Manager: W. W. Lord.

Development: Two tunnels driven 180 yards, with two cross-cuts each in the bottom seam, which is worked 6ft. high. the total height being about 15 or 16ft., there being two more seams above the present one, viz., one about 100ft. higher up the mountain, about 2ft. 6in. thick, and another 50ft. higher up, 6ft. thick, but not yet opened with a plant that would enable 50 to 100tons to be put out per day. Situated about 3 miles from the north-western railway, four miles from Gunnedah West.

Area: 80 acres.

Postal and Telegraphic Address: Gunnedah.

Being unable to get the Government Contract, and there is little or no demand for private coal, hence the mine has been closed for over 12 months for want of trade.

* Morrissett's Colliery.

LAKE MACQUARIE.

Output for 1896: 8,714 tons, value £1,115, men employed, 6.

* Mount Pleasant Colliery.

WOOLLONGONG.

Output for 1896: 82,512 tons, valued at £26,665.

* New Anvil Creek Colliery.

WEST MAITLAND.

Output for 1896: 7,348 tons, value £1,679, men employed, 18.

The Newcastle Coal Mining Co., Ltd.

Registered Office: Newcastle.

Name of Mines: A Pit and B Pit.

Registered: April 1877.

Nominal Capital: £110,000.

Issued: 10,000 shares.

Called up: £100,000.

Dividends: 8s. per share.

Directors: William Australia Steel, M.E., Chairman, Brown-street, New-

castle; Beresford Hudson, L.S, Hillsborough, West Maitland; Captain

David J. Williams, J.P., Union S.S. Co., Newcastle.

Manager: Stewart Keightley.

Mine Manager: Joseph Croft.

Shipping Manager: James Clayton.

Development: Mines fully equipped and doing a large trade.

Area: 1,886 acres coal under land, and 640 acres under sea.

Postal and Telegraphic Address: "Keightley."

New Lambton Colliery.

NEW LAMBTON.

Twenty-four men employed above ground, eighty-five underground. Annual out-put: 27,455 tons, value £8,533.

New Redhead Estate Coal Co., Ltd.

Registered Office: 138 Pitt-street, Sydney.

Registered: 15th June, 1895.

Nominal Capital: £15,000 in 75,000 shares of 4s. each.

Issued: 75,000 shares.

Called up: 3s. 3d. per share.

Directors: W. L. Docker (Chairman), 60 Pitt-street, Sydney; M. C. Cowlishaw, Macquarie Place, Sydney; William Shenstone, 361 George-street,

Sydney.

Legal Manager: Leonard Dodds.

Area: 4,201 acres, freehold.

Postal and Telegraphic Address: (Head Office).

This Company has a private railway line from their property which junctions with the great northern line at Adamstown. The line is about 8 miles in length, and connects the Burwood, Burwood Extended, Dudley and Durham Collieries with Newcastle. The collieries named pay the Company wayleans for right to run over the railway. The Company has leased 1,000 acres of their property to the Burwood Extended Colliery owners who have opened up and equipped a colliery equal to turning out 1,000 tons of coal per day.

* New Park Colliery.

SINGLETON.

Output: 1896, 18,884 tons, value £4,681. Total number of men employed, 48.

Northern Extended Colliery.

WALLSEND.

Proprietor: Andrew Sneddon.

Manager: Andrew Sneddon.

Mine Manager: William Sneddon.

Development: Tunnel and shafts, winding engines, coal waggons.

Yields to Date: 100,000 tons; number of men employed during 1896, 52.

Area: 640 acres.

Postal and Telegraphic Address: Wallsend.

Northumberland Coal Co.

FASSIFERN.

Office: 7 West-st., Newcastle.

Manager: F. Croft.

Development: Output, 200 tons per diem.

Area: 60 acres.

Postal and Telegraphic Address: Fassifern.

Oakey Park Coal Mining Co., Ltd.

Directors: W. Bragg (Chairman).

Manager: Robert Hay.

Mine Manager: Geo. Russell.

Development: About £20,000 worth of plant in actual use, including winding engines, hauling engines, pumps, railway line, tram lines, and rolling stock.

Yields: Produce about 25,000 tons of coal per annum.

Area: 600 acres freehold, and 620 acres leasehold.

Postal and Telegraphic Address: Oakey Park Colliery, Lithgow.

The thickness of the seam is 12ft., but 5ft. 6in. only is worked. This is from the middle of the seam. The coal left on the top and bottom is not of such good quality as the 5ft. 6in. which is being worked. The mine is capable of producing twice the quantity that it is doing with present plant if trade requirements permitted. The coal is an excellent gas producer, and is used by nearly all the municipal councils in the colony for that purpose.

Oakvale Colliery.

SINGLETON.

Proprietor: James Augustus Bunneen.

Manager: John Suttler.

Development: Small at present, but increasing monthly.

Output for year: 245 tons to the last day of August, 1897.

Area: 10 acres

Postal and Telegraphic Address: Singleton.

* Osborne Wallsend Colliery.

WOLLONGONG.

Output for 1896: 93,234 tons, valued at £24,486.

The Pacific Co-operative Steam Coal Co., Ltd.

Registered Office: 19 Bridge-street, Sydney.

Registered: July 7th, 1893.

Nominal Capital: £30,000. Issued: 525 shares of £20 each.

Dividends: One dividend of 5%, has been paid.

Directors: J. Johnson, Hunter-street, Sydney; E. P. Simpson, Hunter-street, Sydney; Robert Hindley, Miner, Teralba; John Hughes, Miner,

Teralba.

Secretary: Benjamin Chadwick.

Mine Manager: J. A Neilson.

Area: 1992 acres.

Postal and Telegraphic Address: Teralba.

The Northern Coal Company is incorporated with this Company.

* Retort Colliery.

HARTLEY VALE.

Output for 1896: 6,776 tons, valued at £1,017; number of men employed 8.

* Rosedale Colliery.

SINGLETON.

Output for 1896: 2,839 tons, valued at £917; men employed 10.

* Box Yale Colliery.

BERRIMA.

Three men employed.

Seaham Colliery.

NEWCASTLE.

Managing Director: Isaac Chapman.

Manager: Archibald Fairley.

Development: The colliery is equipped with all modern plant, is fully developed, and capable of loading the largest vessels at Newcastle.

Output: Estimated at 140,000 tons.

Area: 4,046 acres, freehold.

Telegraphic Address: Sydney, Seaham; Postal: 38 Pitt-street, Sydney.

The colliery does a large intercolonial and foreign trade.

Scanlon's Colliery.

EAST MAITLAND.

Proprietors: P. Scanlon, senr.; P. and B. Scanlon, junr.: C. Mackenzie, Maitland.

Manager: Patrick Scanlon, junr.

Mine Manager: Patrick Scanlon, senr.

Development: Four shafts sunk, averaging 45ft. each, No. 1 driven easterly 300ft. and one westerly about 40ft. each. No. 2 driven easterly 100ft; No. 3 and 4 fired. Four bores were put down altogether 219ft. Machinery now removed; fire unchecked.

Yields: The fire in this colliery has prevented a profitable yield, although a considerable amount of expense and labor has been devoted to its development.

Area: 893 acres.

Postal and Telegraphic Address: East Maitland.

The senior partner in this colliery has assiduously applied the boring plant as a means of prospecting, and his knowledge of the coal measures from the Newcastle seaboard westwards, is locally conceded.

* Side Colliery.

WARATAH.

Output for 1896: 1,364 tons, valued at £307, 2 men employed.

South Bulli Colliery.

Proprietors: E. Vickery and Sons, 78 Pitt-street, Sydney.

Manager: J. B. Vickery.

Mine Manager: J. C. Jones, M.E.

Development: There are three main arteries into the underground workings, each of which is being used as an engine plane, or haulage road for drawing the coal out of the mine. The workings of the mine are fully developed, and of sufficient capacity to give employment to about 300 coalhewers. The plant, &c., consists of two large hauling engines, fan and engines and pumping engines at the mine, as well as two locomotive engines for taking the coal from the mine to the Company's wharf along a railway line of about 2 miles in length. The shipping wharf is built in Bellambi Bay, and is 500ft. long and 32ft. above water, and capable of loading ships of 3000 tons capacity. This extensive property has cost the present proprietors over £100,000, nearly half of which has been expended on developments and erection of new plant, &c.

Area: About 3,000 acres, including freehold, leasehold. and Crown Lands. Postal and Telegraphic Address: South Bulli Coal Co., Bellambi.

The South Bulli Coal Mine is one of the most extensive in the Southern Coalfield of New South Wales, and its coal is said to be of the finest quality for steaming and general purposes. It is a semi-bituminous coal, clean, and free from all bands of dirt. It burns with little smoke, and gives a bright

red fire, very lasting, and yielding great heat, the resulting ash being grey in colour, very fine, dusty, and no clinker. The small coal from this mine is superior for cooking and steaming purposes. An aggregate of about 1½ millions of tons of coal has been won from this mine.

South Clifton Coal Mining Co.

Office: 16 York-street.

Proprietor: Thos. Saywell, 16 York-street, Sydney.

Mine Manager: Robert Wragg.

Development: This mine has been in operation since 1892, and the output

for last 12 months amounts to over 81,000 tons.

Postal and Telegraphic Address of Mine: South Clifton.

Southern Coal Company of New South Wales, Ltd.

WOLLONGONG.

Registered Office: London.

Mines: Corrimal and Balgowrie.

Directors: Local Board, W. C. Willis, F. C. Griffiths.

Managers: G. S. Yuill & Co., Ltd. (F. H. Brackenbury, Secretary,) 6 Bridge-

street, Sydney.

Mine Manager: J. C. Jones. Traffic Manager: W. Evans.

Development: 500 tons per diem.

The property of the Company includes a private railway line to Port Kembla, and a large ocean jetty at which steamers of the greatest depth and largest tonnage can safely load. Minimum depth low water, 30ft.

The Southern Coal Owners' Agency.

Office: 38 Pitt-street, Sydney.

Manager: W. A. Firth.

Members: Metropolitan Colliery, Coal Cliff Colliery, South Clifton Colliery, North Illawarra Colliery, Bulli Pass Colliery, Mount Pleasant Colliery, Osborne Wallsend Colliery, and Mount Kembla Colliery.

* South Hetton Colliery.

TORONTO.

Output for 1896: 1,100 tons, valued at £275: men employed 8.

* South Greta Colliery.

NEWCASTLE.

Output for 1897, 8,616 tons valued at £3,016; men employed, 88.

* Seuth Wallsend Colliery.

CARDIFF.

Output for 1896, 3,546 tons, valued at £916; men employed, 32.

Stockton Coal Company, Ltd.

Registered Office: 16 O'Connell-street, Sydney.

Registered: 8rd January, 1883.

Nominal Capital: £100,000.

Issued: £100,000.

Paid up Capital: £95,618 19s. 1d.

Dividends to Date: £59,910 15s. 6d.

Directors: T. Cowlishaw, T. Beaumont, Captain T. O'Sullivan, E. P. Simpson,

W. M. M. Arnold, Sydney.

Manager: R. N. Kirk.

Mine Manager: R. Baxter.

Shipping Manager: J. M. Hyde.

Development: Improvements, plant, etc., at 80th June, 1896, less sales and

depreciation, £60,738 5s. 10d.

Area: 2,284 acres.

Postal and Telegraphic Address: Stockton.

* Sunderland Colliery.

EAST MAITLAND.

Out-put for 1896: 200 tons, valued at £50.

* Sunnyside Colliery.

NEW LAMBTON.

Output for 1896: 50 tons, valued at £15; one man employed.

Sydney Harbour Collieries, Ltd., Balmain.

Head Office: Billiter Square Buildings, London, E.C.

Directors: Messrs. E. T. Ingham (*Chairman*); Sir Wm. Corry, Bart., Jersey Barnes, John Fleming, James Inglis, and Arthur Wilson.

Secretary: C. T. Rotheram.

Local Board: Sir George R. Dibbs (Chairmin), Messrs. R. D. Adams, James Burns and M. D. McEacharn.

Capital: £500,000 (34,000 pref. shares of £10 each, and 16,000 ordinary shares of £10 each).

Manager: J. L. C. Rae.

This Company, incorporated in England under the Companies Act, 1862-1893, has been formed to work the coal seams underlying Sydney Harbour. The concessions which are held direct from the Crown under the 28th section of the N.S.W. Mining Act, 1874, embrace an area of 10,165 acres, the royalty payable to the Crown being 6d. per ton on large coal, and 3d. per ton on small coal. A minimum annual rental of £510 19s. is also payable to the Crown, but this will merge in the royalty.

The seam proved by the bore at Cremorne is 10ft. 3in. thick, of which 9ft. 2in. is good clean splint and bituminous coal. This should yield about 118 million tons (113,000,000 tons) of coal sufficient to keep two extensive collieries in full work over a century. The depth of the seam, as proved by the bore, is 2,927ft., or about 2,850ft. below sea level. This depth is exceeded in the Ashton Moss Colliery, near Manchester, England, where the bottom workings are 3,105ft. deep, and also in the case of several collieries in Belgium, where no less than nine shafts exceed 2,600ft. in depth, the deepest being 3,128ft.

The strata passed through in the bore consists of sandstone (this being the well-known Hawkesbury series) for about 1,000ft., the underlying strata being shales and light conglomerates. The sinking of the shafts should not,

therefore, be accompanied with more than ordinary difficulty, especially as the bore showed an apparent absence of water in the rock—a very great advantage in sinking.

The Company has bought a freehold site for the colliery works at Balmain, having a water frontage of 580ft. to Long Cove, directly opposite the Sutherland Dry Dock and Government works at Cockatoo Island. The site has also two street frontages, and the present area of about 4 acres will be increased to about 5 acres when the reclamation work now being carried on is completed. The reclaimed ground will be retained by a concrete quay wall immediately in front of which there will be a clear depth of 25ft. at low tide. The natural depth of water already comes up to this for about one fourth of the length of water frontage.

The work of levelling the ground for the site of the shafts and colliery works has been going on for the last six months, and the surface—which in its natural state was very steep and rough—is being cut down to an elevation of 80ft. above low tide level. The rock excavated has been used to increase the level area by making up the sloping ground in front of it to the same level and for building large rubble retaining walls in front of the made-up A large level area is thus being made on which the machinery and colliery works will be erected on solid rock, and at a height suitable for a complete arrangement for the supply of coal, either direct from the pits or from the bunkers, to the largest vessels lying at the Company's own quay, or to carts for the supply of city trade, for which a private road is being formed through the ground in front of the retaining walls. The levelling of the ground being sufficiently advanced, the work of shaft sinking was begun about the middle of June, and excellent progress is being made, the depth after 16 days' work being 65ft. Two circular shafts are being sunk, the one being a "down-cast," and the other the "up-cast." Each will be lined from top to bottom with brick work set in cement mortar, and the finished diameter will be 18ft. in the clear. The "down-cast" will be the winding shaft, and will be fitted up so as to allow of the greatest speed and safety in working, and of an output of from 1,200 to 1,500 tons per day of 8 hours. winding engines, which are being made in Scotland, have cylinders 45in. diameter x 7ft. stroke, and are being fitted with the best type of valve gear, brakes, etc., while the winding drum will be of the "Scroll" type, specially constructed of steel, the minimum diameter being 22ft. and the maximum

36ft. This type of drum provides for the counter balancing of the winding rope in the shaft, so that the working strain on the engine is equalised during the winding.

The "up-cast" shaft will be connected with a Walker's patent ventilating fan of 24ft. diameter, driven by cotton ropes from compound engines, having cylinders 19in. and 35in. diameter by 4ft. stroke. This fan will ventilate the workings of the mine, through which an enormous quantity of fresh air will be circulated. The air in the mine is exhausted by the fan through the "upcast" shaft, the fresh air descending through the "downcast" shaft.

The boilers, which are like the other plant, being made in England, are 30ft. long x 8ft. diameter, constructed to bear a working pressure of 120lbs per square inch.

Economisers will be used in connection with these for heating the feed water. An electric lighting plant is also being imported, and will be used for the sinking work, and afterwards for lighting the colliery works.

The whole of the machinery and plant being made for and erected at the colliery are of the most modern type, and the general equipment of the mine will be such as to ensure the most efficient and safe working.

* Thornley Colliery.

EAST MAITLAND.

Output for 1896: 11,402 tons, valued at £2,565; men employed 16.

Yale Colliery.

LITHGOW.

Managing Director: Isaac Chapman. Mine Manager: Louis B. Blackwell.

Development: Includes full equipment for hauling a large output, and in connection with the mine are Coke Works of considerable dimensions.

Output: Estimated at 35,000 tons coal, and 2,500 tons coke.

Area: 204 acres freehold.

Postal and Telegraphic Address: 38 Pitt-street, Sydney.

Yale of Clwydd Coal Mining Co., Ltd.

LITHGOW.

Registered Office: 7 Inglis' Chambers, 244 Pitt-street, Sydney.

Date of Registration: 4th October, 1881.

Nominal Capital: £30,000.

Issued: £30,000.

Amount Called up: £30,000.

Dividends: 5 per cent. per annum.

Directors: Wm. Briggs (Chairman), Box 152, G.P.O.; Captain J. Lyons,

J.P., Johnston-street, Balmain; Peter Reed, Challis Avenue, Potts'

Point; J. P. Wright, J.P., Elizabeth-street, Sydney; J. Donald,

Forbes-street, Darlinghurst.

Mine Manager: Thomas Brougham.

Secretary: Robert Patrick.

Area: 640 acres.

Postal and Telegraphic Address of Mine: Vale of Clwydd, Lithgow.

* Wallarah Colliery.

SWANSEA.

Output for 1896: 121,214 tons, valued at £34,849; men employed, 218.

* Wallsend Colliery.

WALLSEND.

Output for 1896: 297,886 tons, valued at £89,216.

The Waratah Coal Co., Ltd.

Registered Office: 68 Pitt-street, Sydney.

Registered: 21st November, 1893.

Nominal Capital: £60,000.

Issued: 10,000 shares of £6 each.

Called up: £3 per share = £30,000 which has been returned to shareholders.

Dividends: The last, 26th June, 1896, 5s. per share—£2,500.

Directors: W. C. Willis (Chairman), Joseph Abbott, S. Dickinson, W. M.

Arnold, G. A. Murray.

Secretary: Wm. Clarke.

Development: Colliery and coal scams sold to Caledonian Coal Co.

Area: 1,800 acres near Newcastle.

* West Wallsend Colliery.

CHARLESTOWN, NEWCASTLE.

Output for 1896: 79,514 tons, valued at £28,129; men employed, 244.

Wickham and Bullock Island Coal Co., Ltd.,

Registered Office: 88 Pitt-street, Sydney.

Nominal Capital: £110,000

Issued: £110,000.

Amount Called up: £102,000.

Dividends: Last dividend, 7 per cent. per annum on the ordinary shares.

Directors: Messrs. J. F. Burns (Chairman), T. Saywell, M. C. Cowlishaw,

B. Lee, Dr. A. K. Morson.

Secretary: G. H. Alderton (Acting).

Mine Manager: James Fletcher.

Area: 1,800 acres.

Postal and Telegraphic Address of Mine: Carrington, Newcastle.

218,000 tons produced this year.

* Wright's Colliery.

WARATAH.

Output for 1896: 425 tons, valued at £96; men employed 2.

Zig Zag Colliery.

Registered Office: 16 York-street.

Proprietor: Thos. Saywell, 16 York-street, Sydney.

Mine Manager: John Wilson.

Development: In operation 12 years: Output about 40,000 tons per year.

Area: About 400 acres.

Postal and Telegraphic Address: Lithgow.

SHALE MINES.

The total amount of kerosene shale produced in 1896 was 31,889 tons, a large decrease on the previous year. The fact that some of the richer deposits have been partially exhausted, and that the higher class shale finds a ready market, at a good price, has resulted in increased prospecting activity by companies and private individuals.

The "Airley" Shale Mine. (Generally known as the "New Hartley").

CAPERTEE.

Proprietors: Francis W. King and the executors of the late Charles King.

The mine comprises 640 acres of shale land now worked on tribute by the N. S. Wales Comet Shale and Oil Co., who are constructing a tramway to connect the mine with the Mudgee line of railway some two miles distant. The output of export shale for 1896 was 8,805 tons.

The Australian Kerosene Oil and Mineral Co., Ltd.

Registered Office: 5 Gresham-street, Sydney.

Name of Mines: Joadja Creek, Katoomba, Capertee.

Registered: 5th February, 1891.

Nominal Capital: £250,000 in shares of £1 each.

Issued: £250,000.

Called up: £225,000.

Directors: W. A. Dixon, T. H. Kelly, W. C. Watt, C. Parbury, Sydney.

Secretary: R. Vernou, Paddington.

Postal and Telegraphic Address: c/o Sydney Office, 5 Gresham-street, Sydney.

The Company claims to produce the finest shale ever discovered.

Australian Shale Syndicate.

(GENOWLAN SHALE MINE), CAPERTEE.

Proprietors: J. C. Fraser, 40 Mincing Lane; Robert Lawson, 84 Old Broadstreet, London.

Manager: A. Anderson, Mutual Life Buildings, Martin Place, Sydney.

London Office: 84 Old Broad-street, London, E.C.

Postal and Telegraphic Address of Mine: Capertee.

This mine is worked on the long wall system; employs about 40 men underground.

Capertee Shale and Oil Mining Co., Ltd.

Registered Office: 51 Elizabeth-street, Melbourne.

Registered: 1898.

Nominal Capital: £7,000, in £1 shares.

Called up: £7,000.

Directors: John Lang, R. D. Reid, M.P., David Syme, Mr. Zwicker, Mr. Blandford, Melbourne.

Secretary: John Lang.

Mine Manager: Ignatius Wall.

Development: Several tunnels have been driven on the course of the shale seam in one instance, viz., the main tunnel, 20 chains.

Area: 3,200 acres, under mineral lease.

Postal and Telegraphic Address of Mine: Glen Alice.

The property contains a very valuable seam of shale, in places 8ft. thick, assaying from 60 per cent. to as high as 80 per cent. of volatile hydro-carbons. The company has secured the right from the Government to construct a railway line from the property to connect with the Government line near Capertee. Mr. Lang is in England attending to the re-flotation of the mine

in order to obtain the required capital to build the line and erect an extensive plant for distillation and manufacture of kerosene, as well as other oils, from the shales.

Glen Alice Extended Shale Mine.

Proprietor: J. E. Tonkin, Union Bank Chambers, Pitt-street, Sydney.

Yields: By assay from 70% to 90% volatile hydro-carbons.

Area: 1,920 acres.

The Gien Alice Coal and Shale Mining Co., N. L.

CAPERTEE.

(See Glen Alice Coal Co.)

* King's Shale Mine.

CAPERTEE.

About 16 men employed.

Great Deposit Shale and Oil Properties.

CAPERTEE.

Attorney: C. Watson Martin, F.R.G.S., 430 Bourke-street, Melbourne.

New South Wales Shale and Oil Co., Ltd.

Registered Office: 102 Clarence-street, Sydney.

Mines: "Hartley Vale," G. W. Railway and "New Hartley," Capertee.

Registered: Old Company formed in 1872, new Company incorporated 1896.

Nominal Capital: £100,000.

Called up: £75,000.

Dividends: 3d. per share.

Directors: George Montague Merivale, Wm. Cornelius Goddard, George

Sutherland Caird, Sydney.

General Manager: William Hall.

Mine Managers: James Russell (Hartley Vale); John Blackley (New Hartley.)

Development: Fully opened out with shafts, tunnels, etc.

*Area: 3,000 acres.

Postal and Telegraphic Address of Mines: Hartley Vale, and New Hartley,

Airley, via Capertee.

New South Wales Extended Shale and Oil Co., N. L.

Sydney Agent: Harrie Wood, 7 and 8 Bligh Chambers, Bligh-street.

Manager: James M. Bickett, J.P., Ballarat, Vic.

Mine Manager: Philip Winchester.

Development: Three prospecting headings, and a number of provings along the outcrop, but the prospecting works are not yet sufficiently advanced to prove the full extent and value of the deposit.

Yields: Not yet commenced to raise shale.

Area: About 1,800 acres.

Postal and Telegraphic Address of Mine: Mount Victoria.

Yictoria Shale Co., N. L. CAPERTEE.

Attorney: C. Watson Martin, F.R.G.S., 480 Bourke-street, Melbourne.

CINNABAR.

Cinnabar Mining promises to become an established industry in the New England District, very large deposits having been discovered on Noggriga Creek, 8 miles from Lionsville. The lodes carry a high percentage of metal, and considerable development is proceeding. Messrs. Bassetti and party's mine at Lionsville is said to be the first mine in which Cinnabar has been found in lode formation in this colony.

Bassetti and Party's Cinnabar Mine, Lionsville.

New South Wales Cinnabar Prospecting Co., Ltd., Lionsville.

Noggregar Cinnabar Mine, Lionsville.

Younger's Cinnabar Mine, Rylston.

COBALT.

Rich deposits of COBALT have been found in the Carcoar district, but are lying dormant. The Carcoar Cobalt Mine is situated on top of a hill about three quarters of a mile south-easterly from the Carcoar railway station on the property of Mr. J. A. McKillop. It was accidentally discovered by a miner while endeavouring to intersect the continuation of a neighbouring (copper) reef. The analyses show from 14.69 to 19.45 per cent. of cobalt. About 150 tons of ore sent to England proved worth over £20 per ton nett, but the mine is not now being worked as the deposit, though rich, is bunchy, and would require a large expenditure of capital to fully develop it. Cobalt also appears in the Coombing Copper Mine as kupermanganertz, two miles south-east of Carcoar, and also at Burnt Yards, at a distance of 11 miles in the same direction, while the arsenical pyrites on all sides give the re-action of cobalt, indicating that, with the introduction of capital, there is a good prospect of the Carcoar district proving the richest cobalt producing country of New South Wales.

Professor T. W. Edgeworth David, F.G.S., at the instance of the Minister for Mines, thoroughly examined the formation, and reported on it in the year 1888; and his report speaks of it as being the richest known deposit of its kind in the southern hemisphere, and as one which ought to have a brilliant future.

COPPER.

COPPER MINING within this Colony is quickly regaining the position it held in 1884, when the value of this export was £416,179. The amount exported last year was 4,467 tons, valued at £200,311, being a considerable increase on the previous year. This important additional output is directly

The English & Australian Copper Co., Ltd.

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PAY EXCEPTIONALLY HIGH PRICES

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Payment by cheque immediately assays are agreed. If desired by Sellers advances up to 90 per cent. of the estimated value of the ore will be made upon the day it is delivered at the Company's works.

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PRACTICAL TAILOR,

90 HUNTER STREET, SYDNEY

(BETWEEN PHILLIP AND ELIZABETH STS.)



LIVERIES, &c.—TAILOR-MADE COSTUMES

attributable to the re-opening of the copper mines at Cobar and the extension of operations at Captain's Flat, Nymagee, Mount Hope, and Burraga. Other mines are being reopened, and it is considered that copper mining in this Colony has brighter prospects at the present time than has been the case for many years past.

Ashburnham Copper Mine, Ashburnham.

Balaclava Copper Mine, Broken Hill.

Brimbramalla Gold Mines, Brimbramalla.

Balaclava Copper Mine, Moonta, Broken Hill.

Big Ben Mine, Condobolin.

Black Eagle Copper Mine, Dripstone.

Broken Hill Proprietary Company, Ltd., Broken Hill.

Burley Jackey Copper Mine, Woodstock.

Burra Burra Copper Mining Co., N. L., Cobar.

Burraga Copper Mine, Burraga, Rockley.

Burraga South Extended Copper Mining Co., Burraga.

Cadia Copper Mine, Cadia, via Orange.

Canangara Copper Mine (Gold and Copper Fields Co., Ltd.), Orange.

Cobar Chesney Copper and Gold Mining Co., N. L., Cobar.

Cornish Copper Co., Ltd., Gulf Creek, Barraba.

Dartmore Gold Mining Co., N. L., Green Hills, Cooma.

Diamond Jubilee Mining Co., N. L., Silverton.

Girilambone Copper Mining Co., N. L., Girilambone.

Glanmire Copper Syndicate, Bathurst.

Gold and Copper Fields Syndicate, Ltd., Wilney Green.

Great Annandale Copper Mine, Blaney.

Great Central Copper Mine, South Mount Hope.

Great Cobar Copper Mining Co., Ltd., Cobar.

Great Cobar and Nymagee Copper Mining Syndicate (Dr. Read Managing Director), Singleton.

Halleman and Co.'s Copper Mine, Blayney.

Hemsley's Copper Claim, Blayney.

Horsfall's Copper Mine, Upper Bingara.

Lady Greave's G.M. Syndicate, Cobar.

Lake George Mines Ltd., Captain's Flat, Cooma.

Lake George North Mines Ltd., Captain's Flat, Cooma.

Lake George Proprietary Mine, Captain's Flat, Cooma.

Lake George South Mines, Captain's Flat, Cooma.

Lobb's Hole Copper Mine, Cooma.

Manildra Gold Mining Proprietary Syndicate Ltd., Manildra.

Mayfield Copper Mine, Burrowa.

Mayday Mine, Gilgunnia.

Mayfield Copper Mine, Burrowa.

Mount Apsley Copper Mining Co., N. L., Bathurst.

New Mount Hope Copper Mining Co., Ltd., Mount Hope.

North Cobar Copper Mining Co. Ltd., Cobar.

North Nymagee Copper Mining Co., N. L., Nymagee.

Nymagee Copper Mine, Nymagee.

Overflow Silver Mining Co., N. L., Bobadah.

Queen of the West Mine, Gilgunnia.

Quigley's Hill Copper Mine, Blayney.

Recovery Copper Mining Syndicate, Bobadah.

South Annandale Copper Mine, Blayney.

Sunnyside Copper Mine, Hillgrove.

Talbinga Copper Mine, Kiandra.

Wright Uriah, Blayney.

Wellington Copper Mine, Orange.

Woolgarle and Good Hope Copper Mine, Yass.

Wright and Osbourne's Copper Mine, Quigley's Hill, Blayney.

Young, Dundee and party, Hookey's Copper Mine, Burraga.

DIAMONDS.

THE BINGARA DIAMOND FIELDS.

(By W. S. Dowell.)

THE BINGARA DIAMOND FIELDS are distant about 380 miles north of Sydney on the Gwydir or Big River, some seven or eight miles to the south of the town of Bingara, and are situated in a kind of basin or closed valley amidst hills which rise to an altitude of more than a thousand feet. This basin is about five miles long by three miles in width, and is open to the

Professor Liversidge, of the Sydney University, states "that the geological formation of the basin and district is of devonian or carboniferous age." Nearly the whole of the basin seems to have been covered with diamondiferous drift, parts of it having been removed by denudation. Running into the valley or basin are various spurs or belts of basalt which cover portions of the drift. Both the basalt and the drift have undergone much denudation. The rock upon which the diamond drift rests or the "bed rock" of the minerals is an argillaceous shale. In some parts of the ground there is a small grained sillicious, brecciated conglomerate strongly agglutinated together with a ferruginous cement. The mineralogical nature of the diamondiferous "wash-dirt," as it is termed by the miners, consists of masses of red, brown, and other colored jaspers, white quartz, agate, black flinty slate and fine sandstone, into which manganese and iron oxides have infiltered, leaving deutritic markings between the joints. The list of gems, stones, and other minerals accompanying the diamond, Professor Liversidge describes as follows: - "(1) Tourmaline or jet stone. These black jet stones are invariably found with the diamond, and are regarded by the miners as one of the bestindications of its presence. (2). Zircons occur in small crystals of red and brown colours, also nearly colorless. (3). Sapphire generally in small angular pieces, and usually of a pale colour. (4). The ruby is present, but rare-(5). Topaz as rounded fragments, and sometimes with rough crystaline form. (6). Garnets in small formed crystals of a dull red colour. (7). Spindle not very common, generally in red or small pinkish fragments. (8). Jasper pebbles. Amongst the jasper pebbles are some of pale tints, mottled, yellow, pink, drab, brown, bluish grey, etc. (9). Brookite, small flat fragments. Titaniferous iron. (11). Magnetic iron ore in small grains—gold in small grains is often attached to the small grains of magnetite. (12). Woodtin in small rolled particles. (13). Gold, fine grain and scales. (14). Osmidirium in small plates, very rare." The diamonds are for the most part small in size, although stones of from 1 carat to 2 carats are obtained. So far, the largest diamond yet discovered weighed 6 carats. The Bingara Diamond Fields were discovered in January, 1873, by two miners named John Westcott and Alexander M'Caw, who worked for some months under great difficulties, and suffered considerable hardship in endeavouring to keep their discovery a secret until they had secured the ground. In March of the same year W. P. Dougherty, Dowel, and others took up large areas of ground and further developed the discovery. From time to time good yields of diamonds

have been obtained in various parts of the field. The far-famed Monte Christo Mine, owned by Captain Rogers, is the most important, and has been described as a "mountain of diamonds." The veteran miner has at times obtained some sensational yields of beautiful gems, and the washings for some years past have averaged over 20 carats to the load. The special correspondent of the Town and Country Journal visited the diamond field in December, 1896, and after describing the field and the work done on the Monte Christo Mine states:—"The situation of the mine is on a mass of diamondiferous drift; the wash-dirt is about 40ft. thick, and carries diamonds all the way through. One portion of the mine called the "Jewellery Shop,' the captain has washed out from as much as 3,500 diamonds to the load. Large quantities of the wash-dirt have yielded as high as 40 carats to the load, and there are thousands of loads in sight that will yield 5 to 10 carate per load." Gold Mining Warden Lawson on one occasion with the Warden's Clerk paid an official visit to the Monte Christo mine. The warden himself picked 38lb. weight wash-dirt from the side of one of the drives which was washed before all present, and realised the wonderful result of 34 diamonds weighing 7.1-16 carats or more than 400 carats per load. The result of this prospect, together with the warden's certificate as to its genuineness, was forwarded to the Mines Department. There are several other areas of diamondiferous ground now being worked by the Melbourne Company. The Kimberley Diamond Mining Company, Messrs. Farrar and party, also Mr. W. H. Palmer on behalf of a London syndicate has done a considerable amount of prospecting work with satisfactory results. The diamond field has been visited by experts from almost every part of the world and their unanimous opinion is expressed that, given a good water supply, modern machinery and a reasonable amount of capital, the Bingara field would prove a formidable rival to the better known regions where gems have been found both in ancient and modern times. The importance of the Australian diamond mines and the true value of Bingara diamonds are not generally known or realised. Mr. G. W. Griffin, the late United States Consul in Sydney, in his work "New South Wales, her Commerce and Resources," states that a parcel of Bingara diamonds placed on the London market averaged £1 12s 6d. per carat, whilst the highest price averaged of the Cape diamonds at that time was only 18s. Another parcel of Australian diamonds, weighing 126 carats, brought in London £1 10s. per carat. Saul Samuel, Agent-General for New South Wales, obtained a joint report on the Bingara diamonds from the very eminent experts, Thomas Davies, F.G.S., and R. Etheridge, and in their report they emphasised the following conclusions:—

- 1.—The diamonds of New South Wales in their physical characters are more nearly allied to those of Brazil than any other country.
 - 2.—They have been largely sold in London.
- 3.—As regards color they differ practically but little from those of the other fields.
- 4.—The general absence of "cleavage and macles" is a point much in their favour.
- 5.—Stones of the rarer color assumed by the diamond should be particularly sought for.
- 6.—The greater hardness of the New South Wales gems will probably increase cost of cutting, but this will be compensated by their extra "brilliancy."
 - 7.—Boart should be eagerly sought for.
- 8.—More detailed statistics of the area and thickness of drifts likely to prove diamondiferous should be prepared officially.
 - 9.—All auriferous drifts should be prospected for diamonds.

Sir Saul Samuel obtained for the Government another report on the Bingara diamonds from Mr. Lewis Atkinson, of Grosvenor Square, London. From the report it appears that Mr. Atkinson made a selection of four Australian diamonds in a rough state. They were selected so that they might be as near a match as possible in size, shape, and appearance. was cut and polished, and proved a brilliant of the finest water. fellow was left in its natural state so as to show at sight Its practical difference between the two diamonds. One of the others which weighed in its rough state 1½ carats was an octahedron crystal form of a dull white color. After being cut and polished it weighed a little over $\frac{1}{2}$ a carat, and is as fine a brillant as it is possible to get from Golconda, Borneo, Brazil or South Africa. Another of the diamonds had the ordinary dodecahedron crystallisation and the coat of the stone was perfectly naturally polished with no indications whatever of triangular indentations or markings so frequently found in the African diamond. the polisher commenced to put the first face on it, it was found on examination that there was a triangular formation very rarely found right inside the It was so remarkable that on the heads of the Mineral Department

of the British Museum hearing of it they expressed a strong desire to possess the stone as being of such a wonderful and interesting formation. polishing process was stopped, and it is now for inspection at the British Museum. If it were possible to pick out an Australian and African diamond the same size, shape, and appearance, and given to one man to polish, the African diamond would be finished in six days, whilst the Australian stone would take eight days, with this vastly important difference, that the Australian diamond would be of greater brilliancy and refracting power than the African stone. Despite what has been said to the contrary dealers in precious stones are always open to purchase Australian brilliants, as although they are at present obtained small in size in comparison to the African diamond, with regard to color, in proportion to their production, Australia finds the most white diamonds. There is always a great demand for fine white stones and always will be, as being small they are the most suitable to set round all other colored gems. Mr. Atkinson states that the present market price for parcels of cut diamonds containing such as I have described, varies from £8 to £9 per carat. Mr. Pittman, the present Government Geological Surveyor, visited the Bingara diamond mines a few years since and made a geological examination of the field and district. In his report, without going over the same ground described by previous experts, he states "The question as to the origin of the diamond still remains in abeyance. Whether they owe their origin to a volcanic pipe not hitherto discovered, or to the intrusion of dykes of tourmaline granite into the carboniferous rocks, or as was formerly thought, to chemical agencies in the drifts under the basalt, has not yet been proved or disproved." Mr. Pittman is of opinion that the diamondiferous area is of large extent, and well worth prospecting, not only in the diamond basin where most of the workings at present are being carried on, but also in other parts of the district. After many years experience on the Bingara diamond fields and carefully examining the various deposits of diamondiferous wash, I have come to the conclusion that the diamond drift was deposited by the agency of volcanic or thermal spring action through vents or pipes in the ground. In all probability the pebbles forming the wash take their rounded form by the agitation of the mass as it was swirled about in the cauldron which formed the cup or apex of the volcanic vent by the action of hot water ascending from below. Mr. E. W. Streeter, a well known authority on precious stones, writing to the "Field," says "He always held the opinion that much undeveloped wealth in gems exists in Australia."

He considers that Australia may even prove a formidable rival to the better known regions where gems have hitherto been found in perfection. Fifteen years ago he had predicted that diamonds would be found in Australia in payable quantities, and recently the owner of a diamond claim washed six loads of diamondiferous earth for a yield of 2,000 diamonds, though a South African load rarely produces a carat of small diamonds. In confirmation of Mr. Streeter's statement as to the yield of diamonds from the South African mines, the Robinson Diamond Mining Co. in their annual report state that the yield of diamonds from their mine has averaged 12 carats per 100 loads. The Standard Diamond Mining Co. in their published report of October last state: "The results thus far average 20 carats per 100 loads, the average output being about 1-100 loads per day of 12 hours." The yield of diamonds from the celebrated "De Beers" mines averaged last year a little over 3 of a carat to the load. It will be apparent that the diamond fields of Bingara offer attractions to the investor of a sound character, and it is to be hoped that the neglected, although important, industry of mining for diamonds, will ere long receive the necessary capital and skill to properly develop them.

Austral de Beers Diamond Mine.

BINGARA.

Australian Representative: G. B. B. Elliott, Box 48, The Exchange, Melbourne.

Local Representative: A. Grosbernd, Bingara.

Area: Over 4,000 acres.

This property is now on the London market.

Australian Diamond Mines Proprietary Company N. L.

BINGARA.

Registered Office: 70 Queen-street. Melbourne.

Registered: 23rd January, 1896.

Nominal Capital: 1,200 shares, of £100 each.

Called up: £120,000.

Directors: James Crotty 138 Leadenhall-street, London; J. P. Lonergan, 70 Queen street, Melbourne; A. Benjamin, Carson Place, Melbourne; H. F. Barnet, 98 Queen-street, Melbourne; George Moore, M.D., Dickens-street, St. Kilda.

Legal Manager: A. E. Langford (Langford and Madden).

Mine Manager: G. Wingate.

Development: Opening up large body diamondiferous wash; built tramway:

erected diamond washing machines and pulsators, machinery, &c.

Area: 725 acres 3 roods 16 perches.

Postal and Telegraphic Address of Mine: Bingara.

Darra Darra Diamond Mine.

BINGARA (about 11 miles from).

Dasey and Party.

COLLIS HILL, BOGGY CAMP, TINGAH.

At present under offer to, and worked by, the Inverell Diamond Fields Ltd.

E. R. Davis and Party.

OAKEY CREEK, BOGGY CAMP, TINGAH.

The proprietors regard this as a promising claim, but insufficiently developed to warrant description.

Eaglehawk Hill Diamond Mine.

BINGARA.

Proprietors: John H. C. Farrar, Percy Armstrong, Bingara; Robert Bishop Farrar, 35, 86, 37 Royal Exchange, Adelaide; George F. Farrar, 22 St. Mary-Axe, London. E.C.

Manager: G. F. Farrar, 23 St. Mary-Axe, London.

Mine Manager: John H. C. Farrar.

Development: Several shafts have been sunk at various depths, but the principal work done is by drives running north, south, east, and west, in all over 400ft.

Area: 60 acres.

Postal and Telegraphic Address: Bingara.

The drift varies in depth, running from 7ft. to 28ft. The whole of the 400ft. of driving runs through the diamond drift into the mountain. This property is the oldest on the Bingara Diamond Field. Diamonds in great quantities were discovered by the prospectors, Messrs. Westcott and McColl, 22 years ago. There are several million loads of drift now in sight, and at the very lowest average 2½ carat of diamonds to the load is obtained. Some parts of the mine are wonderfully rich, going as high as 60 carats to the load. Fine gold is found through the entire drift, averaging from ½dwt. to 8dwts. to the load, which is worth £4 per ounce, Sydney Mint. Suitable machinery for saving both the diamonds and gold will shortly be erected on the property by a strong English syndicate. There are now 500 loads of diamond drift in the paddocks awaiting treatment.

Foreman and Party.

ROUND MOUNTAIN, BOGGY CAMP, TINGAH.

Reported as a promising claim.

The Inverell Diamond Fields, Ltd.

Registered Office: 13 and 14 Abchurch Lane, London, E.C.

Name of Mines: Star of the South, Kohinoor, Round Mount, Crown Jewell, and Mountain of Light mines.

Registered: October, 1896.
Nominal Capital: £450,000.

Issued: £25,000.

Directors: Max Margowski (Chairman Honduras Government Banking and Trading Co., Ltd.), 13 and 14 Ahchurch Lane, London, E.C.; Maurice J. Alexander, Hatton Garden, London, E.C.; R. Jenkins, C.E., J.P., Ormond House, London; C. Barrington Brown, Assoc. R.S.M., F.G.S., 20 Finsbury Circus, London, E.C.: David Moss, Hatton Garden, London, E.C.; Secretary: J. Mendelson.

Agent: A. W. Cohen.

Mine Manager: J. E. Palmer.

Engineer: J. G. Beattie.

Development: Work was begun on 10th July, 1897, and development is rapidly proceeding under the supervision of the company's consulting engineer, M. C. Barrington Brown, Assoc. R.S.M., F.G.S. An extensive diamond washing plant is now in course of erection capable of treating 3000 loads per week.

Area: 287 acres, including 80 acres near Bingara.

Postal and Telegraphic Address: Inverell, London Telegraphic, Inverdi.

The company's operations, though hitherto confined to work of a prospecting and developing nature, have so far proved satisfactory. A pumping plant (including engine, boiler, and pump) has been obtained and is now at work. Upwards of 40 men are now employed at the mine, and as soon as there is more scope for operation this number will be largely increased.

Kimberley Diamond Mining Co.

BINGARA.

Directors: John Lowles, M.P., Fenchurch-street, London, E.C.; William Monie, Strathfield; William S. Dowls, Sydney; Charles Quinn and John E. Gard, Queen-street, Melbourne.

Manager: W. S. Dowel (pro tem.)

Mine Manager: Thomas Connolly.

Development: Open cut evacuations, sinking prospecting shafts, surface prospecting, wells, dams, puddling machine, small diamond saving plant.

Area: 140 acres.

Postal and Telegraphic Address: Vickery's Chambers, Pitt-street, Sydney.

Prospecting operations and development generally justify the erection of a good diamond saving plant and effective working.

Malacca Diamond and Tin Mines.

INVERELL

Manager: S. W. Moore, Victoria Chambers, 63 Elizabeth-street, Sydney.

Local Agent: W. Litchfield, Tingah.

Development: A number of tunnels have been driven into large basaltic hill with the object of tapping the old lead, but without success, the levels being lost in every case except the last, which after going over 520ft. had to be discontinued owing to the Company's funds becoming exhausted. This tunnel is in a condition to be continued at any time. Diamond and tin washing plant, pumping plant, etc., etc., costing over £1,000.

Yields: 6,075 carats of diamonds and 262 tons of tin ore.

Area: 120 acres (mineral conditional purchases).

Postal and Telegraphic Address of Mine: Inverell or Tingha.

The Company's funds becoming exhausted (through expensive tunnelling etc.), liquidation followed, and the property has now passed into the hands of some of the late shareholders. Pending the introduction of further capital portion of the ground is being worked at present by a party of tributors.

Monte Christo Diamond Mine.

BINGARA.

Proprietor: Captain Chas. Rogers.

Mine Manager: Captain Chas. Rogers.

Developments: Three shafts to a depth of about 60ft. More than 500ft. of drives all well timbered and put together.

Yields: 79lbs weight of wash dirt recently yielded 85 carats of good quality diamonds, and during the month of November 11 loads were washed for a yield of 295 carats, some very good stones of 1 and 1½ carats being in the parcel. Another machine of about 15 loads is now being put through from which even better results are anticipated. The yield of the mine for the last seven years have been of phenominal character. This mine which is situated on a mass of diamondiferous wash containing diamonds and gold from the grass roots down to a depth of 60ft. and not yet bottomed, has been inspected by experts from all parts of the world, is the property of Captain Chas. Rogers who is in a manner as famous

and remarkable as his claim. He is now 85 years of age, and when it is stated that during the last 15 years he has single handed achieved the development briefly indicated above, and that the whole of the work is well timbered and executed in a neat and substantial manner, some estimate may be formed of his singular vitality and perseverance.

* The Murchison Diamond and Gold Mining Syndicate.

BINGARA.

Not working at present.

Osborne and Dacey.

SOLDIERS' HILL, BOGGY CAMP, TINGAH.

This is reported to be a very rich mine.

Skippen Gordon and Roos.

BOGGY CAMP, TINGAH.

Adjoining the Inverell Diamond Fields, Ltd. "Star of the South" mine, to which company it is under offer. Under suspension of labor conditions.

Area: 40 acres.

Skippen and Party.

KIRK'S HILL, BOGGY CAMP, TINGAH.

Working private land on tribute. Some sensational yields have been obtained from this property, including a return of over 1000 diamonds from four barrow loads of dirt.

The Streak of Luck Diamond Mine.

BOGGY CAMP.

Proprietors: William Gray, William Osborne, and Samuel Agnew.

Manager: Managed generally by the proprietors.

Development: No. 1 shaft, depth 50ft. Main drive 60ft. north; depth of wash, 4ft. 6in. Crosscut drive, east and west. 65ft; depth of wash, 4ft. No. 2 shaft, depth 53ft. Main drive, 60ft. from No. 1 shaft, connects the two.

Yields: Since commencing work at mine, February 24, 1896, 150 loads of wash have been treated for a yield of 2400 carats of diamonds.

Area: 40 acres.

Postal and Telegraphic Address: Boggy Camp, via Bundarra.

There are at present 90 loads of dirt at grass ready for treatment, which it is expected, will yield 25 carats of diamonds to the load. Local price for diamonds, 7s. 6d. per carat.

[This property has been acquired by an English company.]

EMERALDS.

EMERALDS are found near Emmaville in a felsitic matrix associated with topaz, fluorspar, and tinstone. Emerald and beryl occur in the same district in a granite matrix.

Aladdin's Reward Emerald Leases, Vegetable Creek, Emmaville.

Emerald Proprietary Mine, Vegetable Creek, Emmaville.

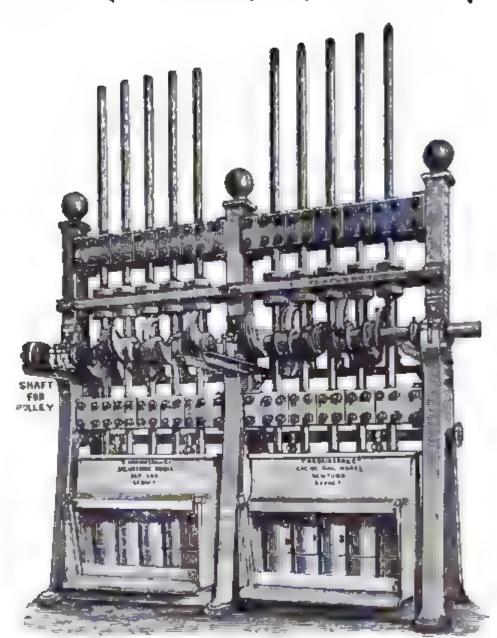
GOLD.

The quantity of gold, the product of New South Wales, received into Royal Mint, Sydney, during 1896, amounted to 203,336·19oz., compared with 202,317·03oz. the year previous. The export of gold in 1896 amounted to 26,010oz., valued at £380,634.

T. HODKINSON & CO.,

Mining & General Engineers, NEWTOWN, SYDNEY.

STAMPER BATTERIES, EMBODYING ALL THE LATERT IMPROVEMENTS.



Stone Breakers, Frue Vanners, Feeders, Amaigamating and Berdan Pans, Settlers' Steam and Cornish Lift and Air Pumps, Winding Engines, Trucks, Cages, Pithead Pulleys and Retorts, Chlorination and Cyanide Plants; and every description of Mining Machinery.

GIVEN FOR COMPLETE PLANTS UNDER STEAM.

We also make a Heavy Grinding Pan capable of reducing 60 tons to in. mesh per day. BRICK-MAKING MACHINERY a speciality. Shafting, Pulleys, and Plummer Blocks made to order; and all classes of General Engineering Work. Workmanship Guaranteed.

The following is the quantity and value of gold produced in the colony for the three quarters of the present year ended on September 30 last:—

	Quarter ended March 31.		Quarter ended June 30.		Quarter ended Sept. 30.	
Total yield for						
	Oz.	£	Oz.	£	Oz.	£
the quarters	63,633	238,611	63,616	288,786	94,091	351,803

From the foregoing figures it will be seen that the yield for the last quarter exceeds the best of the two previous quarters by 31,358oz. The total yield for the present year to September 30 is 222,240oz., or only 78,813oz. less than the total yield for the year 1896. As the yield during the last quarter of the year is invariably the largest of the year owing to the general cleaning-up that takes place about the mines before the Christmas holidays, and the fact that the output for the last quarter of 1896 was 98,510oz., it may safely be predicted that the yield for 1897 will exceed that of 1896 by at least 30,000oz.

[For Gold Mines see "Alphabetical List of Mines."]

IRON.

Negotiations have been proceeding with a view to establishing works for the manufacture of iron from the crude ores which have been proved to abound in several localities in the colony. The natural advantages possessed by New South Wales for the establishment of such an industry have attracted the attention of British capitalists, and it may be confidently expected the negotiations will take a practical shape. The Eskbank Ironworks at Lithgow produced 4,721 tons of finished iron from scrap during 1896 valued at £23,283.

Adams Thomas, senr., Raymond-terrace,

Bulga Iron Flux Mines, Orange.

Carrington Iron Mines, Marulan.

OPALS.

WILCANNIA is the only district in the colony in which opal is commercially worked, though Mr. Slee gave it as his opinion some years ago that it would be found over a far larger area of the far west, an opinion endorsed on inspection by the Rev. J. Milne Curran. Regarding the quality of the stones, the latter states that, "after seeing some hundreds of packages, both cut and in the rough, New South Wales is, I venture to say, putting on the market a gem that can be taken as the finest opal in the world." Unfortunately, we have been able to obtain the particulars respecting one mine only, viz.:—

The White Cliffs Opal Mines, Ltd., White Cliffs, Wilcannia.

PLATINUM.

The platinum deposits at Platena in the Condobolin division were first opened up about three years ago, but up to the present time very little has been done in the way of development. The locality is known to abound with both gold and platinum over a very large area. All the workings, so far, have been confined to one lead at Surface Hill, about 1½ miles in length, and varying in width from 100ft to 400ft.

Two causes have mitigated against the advancement of this industry, namely the inadequate supply of water for mining purposes, and the absence of competition in the local market so as to ensure to the working miner a fair value for his product. The Surface Hill has been traced for many miles, the magnitude of the wealth on this range of hills is beyond estimate, and simply awaits enterprise and capital to reclaim it. At present there are three puddling machines engaged at this work, and though the appliances are of the crudest character, they return good wages, averaging £8 a week to all the men engaged.

The following is the total return from the deep lead first referred to: 12,000 loads yielded at the rate of 7½dwt. of platinum, and 2dwt. of gold to

the load, or a total of 4500oz. of platinum, and 1200oz. of gold, giving a money value of £10,800. This does not include the return from the surface working.

The value of crude platinum from Fifield at the present (November) market value of 55s. per oz. troy, for the refined metal is from 35s. to 40s. per oz. The miners were obtaining at the date named from 28s. to 30s. per oz. The quantity exported through the Customs during 1896 was 2438oz. valued at £3479. Where not stated the undermentioned claims are situated at Fifield where the only active mining for this metal is carried on in the colony.

Armstrong and Party.

Bourke and Jones.

Brown and Party.

Cameron and Perkins.

Dimes and Party.

Dogger and Party.

Frazer and Scott.

Ferguson and Matthews.

Godfrey and Brooks.

Hall and Garland.

J. Jones and Party.

Johnston and Livingston.

Johnson and Party.

Lardy-Dah Mine.

Livingston and Party.

Oppenheimer A., Leases Richmond River.

Panacea Platinum Mine.

Payne and Party.

Raily and Frazer.

Selby and Party.

Smithers and Party.

Smithers and Wilcox.

Sullivan and Party.

Swasland and Party.

Tildon and Wheeler.

Wilcox and Party.

SILVER AND LEAD.

The quantity of silver and lead exported during the year 1896 exceeded that of the previous year by 67,056 tons, and in value £198,120. Further increase in the output is expected as the successful treatment of the sulphide ores on Broken Hill has been practically solved and the mines have immense bodies of ore at their disposal which can be profitably treated. The erection of smelting works at Illawarra has also led to the re-opening of several silver mines.

The quantity of silver and lead ore exported from the colony during 1896 amounted to 267,363 tons (silver lead 19,573 tons) valued at £1,785,451. Details of the output of the following mines will be found under the various headings:—

Anaconda Mine Condobolin.

Australian Broken Hill Consols., Ltd.

Axam's Claim, Pericoe, Towamba.

Big Ben Mine, Condobolin.

Black Prince Silver Mine, Purnamoota.

Block 87 Silver Mining Co., Broken Hill.

Brimbramalla Gold Mines, Nelligen.

British Broken Hill Proprietary Co., Ltd.

Broken Hill Bonanza Silver Mine Co., N.L.

Broken Hill Junction Silver Mining Co., Ltd.

Broken Hill Junction North Mining Co,, Ltd.

Broken Hill Proprietary Co., Limited.

Broken Hill Proprietary Block 10 Co., Ltd.

Broken Hill Proprietary Block 14 Co., Ltd.

Broken Hill Ore Recovery Company, N. L., Broken Hill.

Broken Hill South Silver Mining Co., N. L.

Broula Silver Mine, Emmaville.

Burraga Copper Mine, Burraga.

Central Silver Mine, Broken Hill.

Clancy's Overflow S.M. Co., N. L., Bobadah.

Conqueror Gold Mining Syndicate, The Peak, Cobar.

Corowa Deep Lead G.M. and Prospecting Co., N. L.

Dartmoor Mining Co., Middle Flat, Cooma.

Duddewarra Mine, Mount Victoria.

Everton Silver and Lead Mine Syndicate, Rye Park.

Gee Samuel, silver leases, Bobadah.

The Great Cobar Copper Mining Co., Ltd., Cobar.

Great Peak Freehold Gold Mining Co., N. L., Cobar.

Jingera Mineral Proprietary Mine, Jingera.

Kanimbla Silver and Lead Mine, Kanimbla, Little Hartley.

Lady Brassey and Outward Bound Silver Mining Co., N. L., Thackaringa, Broken Hill.

Lagoon Extended Gold and Silver Mine, Sunny Corner, Bathurst.

Lady Jersey Mine, Long Creek, Mount Drake.

May Day Mine, Gilgunnia.

Moruya Silver Mine, Moruya.

Mount Billagoe Mine, Mount Drysdale.

Mount Momsen Gold and Silver Mining Syndicate, Wolumla.

Mount Stewart Lead and Silver Mining Co., N. L., Leadville.

New Pinnacle Group Silver Mining Co., N. L., Broken Hill.

Nimble Shilling Mine, Walbundrie Reefs.

North Broken Hill Silver Mining Co., N. L., Broken Hill.

North Central Broken Hill Silver Mining Co., N. L., Broken Hill.

North Nymagee Copper Mining Co., N. L., Cobar.

North Nymagee Copper Mining Co., Nymagee.

Outward Bound Silver Mine, Thackaringa, Broken Hill.

Queen of the West Mine, Gilgunnia.

Overflow Silver Mining Co., N. L., Bobadah.

Pinnacle Amalgamated Silver Mining Co., N. L., Broken Hill (in liquidation).

Rise and Shine Mine, Major's Creek.

Rising Sun Silver Mine, Purnamoota.

Rockwell Boulder Silver and Lead Mine, Broken Hill.

Ruby Silver Mine, Rockvale.

Silver Hill Junction Silver Mining Co., N.L., Broken Hill.

Silver Prince Silver Mine, Tent Hill, Emmaville.

The Sunny Corner Silver Mine, Bathurst.

Sunny Side Copper Mine, Hillgrove.

Wallah Wallah Silver and Lead Mine, Rye Park.

Webb's Silver Mine, Emmaville.

Webb's Extended Silver Mine, Emmaville. White Rock Silver Mine, Ltd., Drake. Yuba Silver Mining Co., Silverton.

TIN.

During 1896 the value of the tin exported from the colony was £102,117, representing 1,807 tons, 1,710 tons of which quantity were ingots. There was a decrease of 469 tons compared with the product of the previous year.

Ashburham Gold Mining Co., N. L., Manildra. Deep Lead Tin Mining Co., Emmaville. Elsmore Valley Tin Mining Co., N. L., Inverell. Great Britain Tin Mining Co., Ltd., Emmaville. Gulf Mountain Tin Mining Co., Emmaville. Gundle Tin Mine (P. J. Connolly) Gundle. Gundle Tin Mining Syndicate, Gundle. Malacca Diamond and Tin Mines, Inverell. Rose Valley Deep Lead Mine, Emmaville.



EDGE AND EDGE,

ELECTRICAL & MECHANICAL

Engineers & Contractors,

250 PITT STREET, SYDNEY.

Transmission of Power. *

* Electric Mining Machinery.

Electrical Apparatus of all Description.

Enquiries Solicited.

Estimates Given.

ADVANCES MADE ON METALS, ORES, MATTES, BULLION, Etc., For Realisation in Europe.

ALEX. FRASER, Metal Broker,

39 QUEEN STREET, MELBOURNE.

Agency for Broken Hill Proprietary Co.'s Pig Lead, Cyanide, Quickeilver, Platinum Wolfram.

JOHN A. ROEBLING'S SONS CO.

NEW YORK.

HIGH QUALITY FLÉXIBLE WIRE ROPES

FOR MINES, HAULAGE, ELEVATORS, &c.

STOCKS ON HAND.

ANY LENGTH CUT.

ELECTRICAL COPPER WIRE AND CABLE.

REPRESENTATIVE-

ALEX. FRASER, 39 Queen Street, Melbourne.

BATTERIES & ORE-REDUCING WORKS.

The Government Metallurgical Works.

These works are situated on the Sydney to Parramatta Road, on the right bank of the navigable Duck Creek, a tributary of the Parramatta River. Water carriage is thus possible, whilst a siding from the Clyde goods yard connects the works with the railway system of the colony.

The plant consists of—A Babcock and Wilcox steam boiler, nominally of 45 horse-power, but capable of developing much more power if necessary, and equal to a maximum working pressure of 160lbs. per square inch.

A Tangye's compound high-pressure engine of 50 horse-power.

A platform weighing machine.

A No. 1 Gate's rock-breaker, by which the ore is broken down to about \(\frac{3}{4}\)-inch cubes, or less, for the purpose of sampling.

A link-belt elevator, by which the coarsely-crushed ore is raised to a couple of 10-ton storeage bins placed at the top of the building.

A No. 5 Clarkson's Rapid Sampler, which accurately and automatically samples a 10-ton lot in a comparatively short time. By this means every parcel is automatically sampled before it is further treated, and the miner's estimate of the value of his parcel can be verified or otherwise. Further, the loss incurred, due to the treatment, can be definitely ascertained, and the efficiency of the treatment properly determined. All ores submitted for treatment, whether reputed to be rich or poor, are subjected to this sampling process, with the result that some ores require no further treatment.

A Fraser and Chalmer's sample grinder reduces the sample first taken by the large sampler until it can be passed through the next machine, say to about pea-size. A No. 1 Clarkson's rapid sampler takes the pea-size sample, and the second sample thus taken is ground still finer in the sample grinder, again passed through the sampler, and so these alternate operations of

grinding and sampling are repeated until the final product is fine enough in grain and small enough in bulk to go to the laboratory for final division into several identical samples by means of a Clarkson's laboratory divider, one of which is assayed, a second sealed for the owner, and a third sealed and kept for reference. A large size Tustin rotary mill fine-crushes the ore so as to pass it through about a 80-mesh screen, finer or coarser as may be deemed necessary for the particular parcel under treatment. If the ore is to be amalgamated and concentrated it is crushed with the aid of water, but if chlorination or cyanide extraction is intended, the same machine is employed without water. Up to this point the plant described is employed whether the ore is to be subsequently amalgamated and concentrated, chlorinated, treated by the cyanide process, or subjected to any other lixiviation process. An amalgamation table, consisting of electro-plated and amalgamated copper plates, with mercury rifles and trap. Two Frue vanners, one of which is provided with an ordinary smooth rubber belt, and the other with a more recent Dick's felted belt.

Three tailings and slime pits. In the first of these the coarse tailings settle completely, whilst the finer slimes are largely carried over into the following pits, each of which is so arranged that the current of water entering charged with slime is reduced greatly in velocity, the water thus leaving the pit with a minimum velocity carries away the minimum amount of slime. This slowing down of the current takes place three times in the two slime pits, thus affording every opportunity to the slime to deposit in the pits. Between the vanners and the tailings pits, samples of the mixed tailings and slimes are taken at frequent and regular intervals all the time a parcel of ore is under treatment. These samples are allowed to settle, the liquid is filtered off, and the deposit is assayed. Further, the tailings and slimes are assayed The concentrates produced by the vanners are reserved for further treatment or can be removed by the owner. The same remark holds good with respect to the tailings, each parcel being kept separate for a time.

A Robert's alluvial washer for the treatment of alluvial deposits.

A calcining furnace with three hearths each 10ft. by 10ft., worked by hand

Several 7ft. chlorination vats, for the plattner chlorination process Several 7ft. and one 8ft. 6in. cyanidation vats, with cement sump vats, zinc boxes and pump.

These various processes are now in continuous operation.

Holdsworth, Macpherson

And Co.,

IRONMONGERS.

IRON and STEEL MERCHANTS,

252 GEORGE STREET, SYDNEY.

ALL MINING REQUISITES.



OUR SPECIAL

SILVER-PLATED GOLD MINING BATTERY PLATES.

These accomplish a great saving, and are now used by all the principal Mining Companies in New South Wales.

We are in a position to supply all sizes, up to 6 ft. square, at short notice.

Particulars on Application.

There is a well appointed laboratory included in the establishment, in which both mineral analyses and assays are made, both such as are required in the treatment of bulk samples in the works, and such as are made by the Mines Department with the object of encouraging prospecting.

The charge for crushing, sampling, assaying, amalgamating, and concentrating gold ores will be as follows:—

	•						8.	d.	
For	1	ton th	e charge will be	•••	•••	•••	45	0	per ton.
	2	tons	do	• • •	•••	•••	80	0	do
	8	do ·	do	•••	•••	•••	25	0	do
	4	do	do	•••	•••	•••	22	6	do
	5	do	do	•••	•••	•••	21	0	do
	6	do	do	•••	•••	•••	20	0	do
•	7	do	do	•••	•••	•••	19	6	do
	8	do	do	•••	•••	••	19	0	do
	9	do	do	•••	•••	•••	18	6	do
	10	do	do	•••	•••	•••	18	0	do

Less than one ton will be charged as one ton.

CHLORINATION.—£2 5s per ton, and £1 per parcel additional.

CYANIDATION.—The same as for amalgamation quoted above.

In each case material already crushed (i.e., tailings, etc.) 5s per ton less.

A copy of the regulations under which ore is treated will be supplied on application to the Mines Department, Sydney.

Clyde Chlorination and Smelting Works.

CLYDE, NEAR SYDNEY.

Proprietor: Henry Hudson.

Manager: ----.

Process: Silver and lead smelting, copper smelting, chlorination, wet and dry crushing and amalgamation.

JAQUES BROTHERS,

Mining and General Engineers,

YICTORIA IRON WORKS,

COPPIN ST., (off Bridge Rd.) RICHMOND, MELBOURNE.



Patent Lever Beciprocating Stone Breaker.



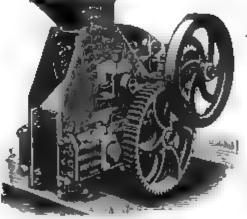
Rotary Rock Breaker.



Patent
Stone-Crushing

\$

Machines.



"Little Giant" Dry Quarts Pulveriser,



Patent

Patent

Stone-Crushing

Machines.



MANUFACTURERS OF

Mine Pumps, Rock Breakers
Stamper Batteries
Roasting Furnaces
Concentrating Machinery
Smelting Furnaces
Amalgamating Mills
Winding & Pumping Engines
Horizontal & Vertical Steam
Engines

Hollora
Mine Trucks
Safety Cages
Screening Mills, Circular Screens,
and Winding Gear
Quartz & Ore Reducing Machinery
Grinding Pans
Disintegrators
Clay Rollers, Mixers, &c.

CONTRACTORS FOR COMPLETE PLANTS.

Hole Makers of

"MAYLOR & WILLIAMS" PATEST SEMI-PLASTIC BRICK-MAKING MACHINE.

The Copper Smelting and Refining Works.

LITHGOW.

Proprietors: The Great Cobar and Nymagee Copper Mining Syndicate.

Manager: William Longworth.

Works Superintendent: P. H. Goldsmid.

The works are built on an area of land adjoining the Eskbank Ironworks, consisting of 15 acres, with railway connection with Great Western Railway. There are 14 furnaces erected, 2 refining and 12 roasting, with large shed and railway siding accommodation, condensing flues, and large stack; a water jacket furnace is in process of erection for the treatment of furnace slugs, &c., blacksmith's shop, offices, etc., ore floors for reception of ore. Dimensions of shed, 550ft. long, 60ft. wide; length and area of condensing culverts—main culverts, 1,050ft. long x 7ft. 6in. wide x 8ft. high, 6 down-take culverts 330ft. (in all) x 8ft. 6in. wide x 6ft. high., height and diameter of stack, 130ft. high, 15ft. square at base, 9ft. square at top, 7ft. 6in. inside measurement.

A third refinery is also about to be started. The particulars of works are as follows: Smelting shed, length 550ft., breadth 60ft. The whole of the furnaces at present erected are under the one shed (a second shed will be erected for water-jacket.); Condensing culverts: total length 1,050ft., 7ft. 6in. wide, and 8ft. high. Down-take culverts (connecting the furnaces with the condensing culverts), of which there are seven, having a total length of 380ft. and being 3ft. 6in. wide and 6ft. high. Stack, 180ft. high, 15ft. square at base, 9ft. square at top, and 7ft. 6in. inside measurement. There are also blacksmith's shop, copper-house, store and offices, assay house, etc., completed.

The first parcel of refined copper was despatched from the works on 1st December, 1896, since which, up to the middle of November, 2,886 tons of refined copper ingots have been forwarded from the works and shipped to Europe. The material worked in the furnaces is produced at the Great Cobar Mine, Cobar, and the Nymagee Copper Mine, Nymagee; both of these mines being worked by the proprietors of the Smelting Works. Matte of about 35 per cent. is forwarded by rail from Cobar, and regulus of a higher grade is forwarded from Nymagee.

Parcels of ore from other mines are purchased by the Smelting Works, or treated for owners on certain tariff charges, which can be obtained on application to the superintendent.

VICTORIAN

Smelting & Metallurgical

WORKS.

(A. PARKER & CO.)

WORKS: Footscray, Victoria.

Office: 456 COLLINS' STREET, MELBOURNE.

Telephone 13, Footscray Exchange.

Antimony, Platinum, Tin, Silver Ores, & Pyrites, or any
Material Containing Gold or Silver

PURCHASED OR TREATED ON TERMS.

Mine Owners, Prospectors, &c., are notified that comprised in above works are all the appliances for testing of ore (in bulk or otherwise) by amaigamation, reduction, or chlorination; ordinary trial crushings of quartz (treatment of latter, wet or dry), as required.

In the determination of metals, minerals, &c., every care taken as to exactness.

WYALONG RETURNS, 1896.

(Treated by PARKER & Co., Footscray.)

	Ore.		1	Gold.		Value.	Average per ton.		
Tons	Cwt.	Qr.	Oz.	Dwt.	Gr.		Oz.	Dwt. Gr.	
632	18	1	8811	8	11	£13,742 8s 1d	5	4 15-85	

Cash advanced when required on material forwarded for treatment.

Smelting Co. of Australia, Ltd.

Registered Office: Leadenhall Buildings, Leadenhall-street, London

Registered: 1st August, 1895. Nominal Capital: £500,000.

Issued: £250,000. Called up: £250,000.

Directors: William Keswick (Chairman), 3 Lombard-street, London; Alfred Fowler, Leeds; E. Manby, M.I.C.E.; G. M. Inglis, Walter Savill, Arthur Wilson, D.L., J.P., Hull; John Howell (Managing Director), Sydney.

Secretary: D. Petrie.

Australian Office: Mutual Life Buildings, Martin Place, Sydney.

Local Secretary: C. H. Hayward.

Works: Dapto.

Manager: G. H. Blakemore.

Terms and conditions for the treatment of ore will be supplied on application.

The Sulphide Corporation (Ashcroft's Process) Ltd.

Registered Office: 11 Cornhill, London, E.C.

Australian Office: 34 Queen's Street, Melbourne.

Works: Cockle Creek, Newcastle.

The Sydney Smelting Company.

PARRAMATTA RIVER.

Proprietor: T. H. Kelly, 12, O'Connell-street, Sydney.

The operations of this company are confined to the treatment of tin ore.

Victorian Smelting and Metallurgical Works (A. Parker and Co.)

FOOTSCRAY-MELBOURNE.

See advt. page 425

BATTERIES, CYANIDE, AND ORE REDUCING WORKS.

Adelong: Reefer Battery, Adelong Falls, Wilson and Ritchie owners; 15 stamps each 800lbs. with Chillian mills, concentrating machinery, etc.; water power.

Albury: Golden Fleece Battery, Cumberoona, Bowna; 5 stamps, 8 H. P. engine.

Wornes and Co.'s Hawk's View 8 stamps.

M. M'Grath, Black Range, 5 stamps.

Wealand Bros., 4 stamps.

G. Lendner, Stony Park, 5 stamps.

Araluen: Thomas Forsyth, Bell's Creek, 10 stamps each 5cwt., 12H. P. engine. Division almost entirely alluvial.

Armidale: Nil. Ballina: Nil.

Barraba: Victory Battery, Wood's Reef, C. G. Williams, manager.

Crow Mountain Battery, D. F. Underwood, owner.

Henry Graham's Battery, Wood's Reef.

J. A. St. Clair and Co., Ti-tree Creek, Barraba.

Barmedman: Barmedman Cyanide Milling Co., N. L. Registered Office, 52 Queensland Offices, Bridge-street, Sydney. Directors: R. Imray, North Sydney (chairman); W. P. Maschwitz, Pitt-street; D. W. Roxburg, O'Connell-street, Sydney. Legal Manager: J. M. Rooke. Manager: J. A. Walker. 15 stamps. Plant capable of treating 2000 tons per month.

Bateman's Bay: Nil.

Bathurst: Nil.
Blayney: Nil.
Bombala: Nil.
Bourke: Nil.

Braidwood: Nil. Bulladelah: Nil.

Bungendore: Young's Battery, Yass River, 5 stamps; Bingley Bros.

Emu Creek, 5 stamps.

Burraga: M'Vickar and Party, Isabella River, 3 stamps.

The Burraga G. M. Co., 10 stamps.

Camden: Nil.

Candelo: Nil.

Canowindra: The London Reef Mine, Boney's Rocks, Captain S. Green, North Sydney, owner: 5 head stamps.

Blue Jacket G. M. Co., Charles Griffin Beale, owner; W. F. Miring, manager, 5 stamps.

Perseverance G. M. Co., 5 stamps.

Captain's Flat: Nil.

Cargo: Byrnes and party, 5 head stamps.

Carcoar: Gallymont G. M. Co., Galley Swamp, 10 stamps.

Compagnie Des Mines D'Or, Ltd. (Brown's Creek), 10 stamps.

M'Kenzie's Battery, Flyer's Creek, 10 stamps.

Casino: Nil.

Cobbora: Nil. Alluvial mining.

Condobolin: M. Pooler, Cugong; 9 stamps.

Cooma: Murray's battery, junction Brebo River and Cowra Creek; 5 stamps, water power.

Star of Cooma battery, Cowra Creek; 13 stamps, steam power.

Lewis and Party, Cowra Creek; 5 stamps, steam power.

C. H. Williams, Cowra Creek; 10 stamps, 2 Berdan pans, steam power.

A. Reed, Cowra Creek, 8 stamps, in course of erection.

Rheimberger and Another, Fiery Creek; 4 stamps, steam power crushing, 10s. per ton.

Copeland: Rainbow Battery, E. Lorey, Newcastle, owner; 12 stamps, 16 H. P. engine.

Criterion Battery, W. B. Sharpe, Newcastle, owner; 12 stamps, 18 H. P. engine

Cobark Battery, Cobark, Brokwell and party; 5 stamps, waterwheel.

Gloucester River Gold Mining Company, Upper Gloucester River; 5 stamps, Pelton waterwheel.

Cobargo: James Reilly, Coolagolite; 5 stamps, 8 H. P. engine and boiler with steam pump; there is no mining of any consequence carried on in this division—chiefly fossicking at the old Montreal Diggings, in old and abandoned ground.

Corowa: Nil. Cowra: Nil.

Cudgebong (Oldfield and Party): 5 stamps, 8 H. P. engine.

Dalmorton: Black Slate Creek Mine, 10 stamps, 16 H. P. engine, &c., with stone breakers and all appliances; A. Cadell, owner.

Mount Rea Gold Mining Co., Ltd., Mann River: 10 stamps, 32 H.P. engine, 2 16 H. P. boilers, &c.

Little Dora Mine, Mann River: 3ft. Huntingdon Mill, one Woodbury concentrator.

Oldham and party, Springbrook, 8 stamps.

Coramba King Battery: 10 stamps, 14 H. P. engine, automatic feeders, and the usual accessories.

Deepwater: Torrington battery (Caird, Maxwell and Co.); 5 stamps, 8 H. P. portable engine.

Deniliquin: Nil.

Drake: All Nations Battery, Saw Pit Gully; 6 stamps, 8 H. P. engine.

Adeline Gold Mining Co.; G. H. Smith, manager; 15 stamps, 25 H.P. engine.

The Lady Jersey Mine, Long Gully: 5 stamps; J. G. Rivers and party.

Basetti's battery, Solferino, near Louisville: 6 stamps, driven by waterwheel.

Dubbo: Dubbo Cyanide Syndicate formed in August to treat some 25,000 tons of tailings at Stuart Town; legal manager, C. H. Fitzgerald, solicitor, Dubbo. Expected to start operations end of November.

Eden: Nil.

Euabalong: Cugong Battery; (E. Hooker); 10 stamps.

Errelendry Gold Mining Co.: via Lake Cudgellico; 5 stamps.

Germanton: Nil.

Gilgunnia: W. P. Maschwitz and Co.; 15 stamps.

Goulburn: Nil.

Grafton: Nil.

Grenfell: The Enterprise Battery and Quartz Mining Co.; C. T. Sutton and Co., Melbourne, owners; 12 stamps, cyanide works in course of erection.

The Pioneer (Cyanide): R. W. Beck, secretary; A. A. Spence, manager and assayer.

Grenfell Cyanide Co.; Charles Wroblewski, manager; C. P. Bawden, secretary.

Charles J. E. Fosberge and Regesstty, Huntingdon Mill, closed and abandoned, but machinery still there.

Gulgong: The Shellback Gold Mining Co., N.L. 4 stamps. It is intended to erect another battery.

Gundaroo: Ronaldson Sutton, 3 stamps.

Triggs, Bates and Party: Manama Reef, 5 stamps.

Gunnedah: Nil.

Gundagai: Bright's battery, Stony Corner, 6 stamp battery.

At Matuma, 25 miles north of Gundagai, there are no crushing appliances. A good deal of prospecting work is going on, some excellent results have been obtained, and a battery is much required. The field is only five miles away from a railway station.

Gunning: Nil.

Hargraves: Perseverance Battery (James and T. Lang), 15 stamps, 20 and 10 H.P. engines.

Hay: Nil.

Hill End: Enterprise Battery.

Hill End Consols Gold Mining Co., 15 stamps.

Thomas Robert's Battery, Foreman's Gully, near Tambaroora, 4 stamps.

Hillgrove: The Cosmopolitan Gold Mining Co., Baker's Creek, 10 stamps.

Hillgrove West: Sunlight Gold Mining Co. (and cyanide plant).

West Sunlight Gold Mining Co.

Inverell: Nil.

Junee: Monte Carlo, Christopher Crawley, owner, 6 stamps, 12 H.P. engine.

T. C. Humphreys, Eurongilly, Huntingdon Mill.

Kangaroo Yalley: Nil.

Kempsey: Nil.

Lithgow: Copper Smelting Works. See page 424

Lismore: Nil.

Macksville: Nil.

Maclean: Nil.

Major's Creek, Major's Creek Gold Mining Co.: 3 Huntingdon Mills, 6 Duncan Concentrators, 3 Frue Vanners, Engine, etc.; Chlorination Works, etc. This Mine has not been worked for some years, but the plant is still used to crush for neighbouring claims.

James O'Brien's battery, 15 stamps.

James Keyle and Co.'s battery, 10 stamps.

There are also beween 30 and 40 puddling machines or mills in the division worked by horse power, and owned by small parties of miners.

Mandurama: Messrs. Woodward Bros., Galley Swamp.

Milparinka: Warratta Public Battery and Quartz Crushing, Co., Ltd. Legal Manager, F. W. Chambers; 12 head battery, 25 H.P. engine.

Molong: John Black and Sons, 8 stamps.

Moonan Brook: E. Williams, 10 stamps.

E. Johnson's battery, 5 stamps.

Moree: Nil.

Moruya: Bimbimbie Mines, Mogo, 9 miles north of Moruya (Anglo-Australian Exploration Co., Ltd.), 10 stamps.

Italia Mine, Turlingah, 5 stamps.

Moruya Silver Mine, F. Guy, owner, 10 stamps.

Mount McDonald: Hongkong Gold Mining Co. (John Humphreys and Sons), Hongkong, 10 stamps.

John Charles Wilmott, Mt. McDonald. 10 stamps.

Nana Creek: Sharp and Morrow, Avery's Creek, 2 stamps, 4 H.P. engine, Albert Everingham, Tallewadjah Creek, 3 stamps, 4 H.P. engine.

T. R. O'Grady, Nana Creek, 10 stamps, 4 H.P. engine.

Record Reign Gold Mining Co., N.L., Tallewadjah Creek, 10 stamps. Duncan concentrator, 14 H.P. engine.

Alfred Cadell, Coramba, 10 stamps.

Narrabri : Nil.

Narrandera: Harry Smith Gold Mining Co., N. L., Grong Grong, 8 stamps, L. Abraham, secretary.

Nelligen: Phœnix Gold Mining Co., Brimbramalla, 5 stamps.

John McLeod and party, Brimbramalla, 3 stamps.

Newbridge: Freeman's Battery.

Nimitybelle: Nil.

Nowra; Nil.

Nundle; Tamworth Gold Mining Co.

Nyngan: Girilambone Copper Mining Co.

Oberon: John Mitchell and party; Hazelgrove, 3 stamps, 5 H.P. engine.

Clark and Makeig, Hazelgrove; Grinding mill, 6 H.P. engine.

Gillies, Ralston and Co., Sydney, 2 stamps; 5 H. P. engine.

Orange: Nil.

O'Connell: Nil.

Pambula: Mount Gahan G. M. Co., N. L., J. B. Wilkins, Mgr.; 20 stamps, cyanide plant.

James Haugh, Pipe Clay Creek, Huntingdon Mill.

Pambula Mines Ltd., Battery in course of erection.

Parkes: New Rushman's Hill G. M. Co., Ltd.

Kohinoor G. M. Quartz Co., Ltd.

Birthday G. M. Co., Ltd.

Parke's Quartz Crushing Co.

Happy Valley Battery, Burgess and Smith owners.

Patterson: Nil.

Peak Hill: Myall's United G. M. Co., Ltd.; 40 stamps and cyanide plant.

Picton: Nil.

Penrith: Nil.

Raymond Terrace: Nil.

Reefton: The Tailing Reduction Syndicate N. L., Registered Office, 19 Hunter-street, Sydney. This company was registered on the 18th October, 1897, to treat 6000 tons of tailings and slimes at Reefton, and to acquire and treat further quantities at Reefton or elsewhere as opportunity offers. The capital of the company is £1600 in 1600 shares of £1 each, 1000 contributing, and 600 paid up shares, the whole being issued and called up. Directors: Charles Stanley Allen, 359 George-street, Sydney; William Sands, Martin Chambers, Sydney: S. R. Walford, Burwood-road, Sydney; Legal manager, J. S. A. Taylor; plant manager, A. Moxley. The company is erecting two leaching vats 12ft. diameter by 6ft. high, two extract boxes, two stamps, and complete assay plant, &c.

The Enterprise and Pioneer, Landers and Party, 12 stamps with two grinding pans.

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Rockley: Mount David G. M. Co., Ltd.; 10 stamps.

Swallow's Nest; 10 stamps.

Gilman, Dyke Creek, 7 miles from Rockley; 10 stamps.

Scone: New Royal Standard G. M. Co., Stewart's Brook; 10 stamps with cyanide works, water power, G. S. Buzacott. Sydney, legal manager.

Stewart's Brook G. M. Co., N. L., C. O. Waldron, Scone, legal manager; 10 stamps.

Bluey G. M. Co., G. S. Buzacott, Sydney, legal manager; 10 stamps, and Huntingdon Mill, steam power.

Lady Grace Mine, 10 stamps, water power.

Edward Johnston, Omadale Brook, 5 stamps, water power.

Sofala: Back Creek Battery, Crudine, F. W. King, 2 O'Connell-street, Sydney, owner; 8 stamps, with newly patented process for saving gold.

James O'Brien, Crudine; 8 stamps.

Queensland G. M. Co., Sofala, 10 stamps.

Turon G. M. Co., Sofala, 10 stamps.

H. M'Cudden, Wheatfields, 8 stamps.

J. Reilly and Party, Wattle Flat, 6 stamps.

Oakey Creek G. M. Co., Wattle Flat, 10 stamps.

A. Reilly and Party, Wattle Flat, 6 stamps.

R. N. Brailey, Wattle Flat, 6 stamps.

South Woodburn: Nil.

Stuart Town: Scott's Battery, William Scott, owner, 12 stamps.

Sunny Corner: The Lagoon Gold Mine, Ltd., 15 head battery.

The Ashton Gold Mining Co., Ltd., 10 head battery.

The Paddy Lackey G. M. Co., 10-head battery.

Samuel Lean, 5 head battery.

Swamp Oak: Rising Moon Battery, Mary Warden, owner, R. Webster, manager, 10 stamps with Wheeler's Pan.

Enterprise Battery, New South Wales Gold Fields, Ltd., 5 stamps.

Pioneer Battery, William Carter, 8 stamps.

Just-In. Time, New South Wales Gold Fields, Ltd., 5 stamps.

Glen Morrison Battery, 15 stamps.

Tamworth: Nil.

Tarago: Nil

Taralga: Nil.

Temora: Victoria G. M. Co., Springdale, 10 stamps.

Southern Battery, Springdale, 5 stamps.

Temora Crushing Co., 10 stamps.

Hensler's Battery, Springdale, 5 stamps.

Tingah: Nil.

Towamba: Stainbridge and Lawson, Timbellica Creek, 5 head iron shod wooden battery, 18ft. water wheel.

Trunkey: William Franks, and Charles Crees, Wilson's Reef, Trunkey, 6 stamps.

T. Edgley's Battery, Trunkey.

Colo Creek Gold Mining Co., Ltd., 30 stamps.

Tumut: Nil.

Wattle Flat: R. N. Brailey, 6 stamps.

Big Oakey Syndicate, Oakey Creek, 10 stamps.

Charmichael and Party, Rieley's Creek, 5 stamps.

Webb and Party, Leased to Crawford Bros. and Campbell, 4 stamps.

Rilley and Party, Middle Creek, 5 stamps.

Wagga:—Spent Bros. and Peterson, Pullitop.

Michael M'Garry, adjoining the Wagga Temporary Common.

Wentworth: Nil.

Walbundrie: Charles Martin, Bulgandra, 8 stamps.

Wellington: Mitchell's Creek Freehold Gold Estates, Daviesville, 30 stamps.

Wilcannia: Nil.

Windeyer: John F. Fitz-Townsend and Edward Noyes, 5 stamps; John F. Fitz-Townsend and party, 10 stamps; William and Robert Leffley, 5 stamps; John Winter and party, 5 stamps.

Wilson's Downfall: Nil.

Wolumla: J. Heffernan, and Party (Manager, P. Durkin), Roller Mill. The principal part of the ores from this field have been forwarded for treatment to Illawarra.

Woolgoolga: H. Peters and M. P. Muir, Corinda Creek, 5 stamps, 8 H.P. engine.

Wyalong and Wyalong West: West's battery, 10 stamps; charge 8s. per ton for treatment.

Gough's battery, (Gough and Tarland), 15 stamps, charge 7s. 6d. per ton. Walter Sully, chlorination and cyanide works, capacity 300 tons weekly. Cox F. J., Huntingdon Mill, capacity 70 tons per week, charge 12s. 6d. per ton.

Nicholas and Reymond, battery 22 stamps, 10 head worked in conjunction with 2 Fraser pans, 12 head in conjunction with 2 Frue vanners, 30 H. P. engine, Cornish boiler, 20 H.P. horizontal engine for Frue Vanners, and 16 H.P. portable engine for the Fraser Pans, water supply tank capacity 23,000 yards; additions to plant are contemplated.

Duncan Noyes and Co., West Wyalong; Manager, G. K. Duncan. A cyanide process. Melbourne address, 17 Queen-street.

- J. Channon, cyanide.
- J. Deeble, chlorination and cyanide, West Wyalong; in course of erection.

Nield and Son's Chlorination Works.

Yalgogrin: Yalgogrin Public Crushing Plant and Battery, Barnett and Gough (owners), 10 stamps; has improved appliances for saving gold and concentrating mineral ores.

Yass: Nil.

Young: W. S. Barnes, Wombat, 5 stamps



OFFICIAL.

DEPARTMENT OF MINES.

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Clerk-in-charge Records: W. H. Tunks; chief draftsman, G. A. M'Kay.

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THE SCHOOL OF MINES at the University was started about four years ago with the assistance of the Hon. the Minister for Mines, Mr. Sydney Smith, the entire building and fittings having been paid for by the Government. The Professors of the University deliver lectures and conduct practical classes in the different scientific subjects, such as geology, mineralogy, chemistry, engineering, physics, metallurgy and assaying, mathematics, &c., so that the teaching staff is the best that could be obtained.

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Warden's Clerks, Mining Registrars, and officers authorised to issue miner's rights are stationed at most of the undermentioned places.

Note.—*Wardens' Headquarters—All the officers, except those stationed at the place marked thus +, are allowed to retain the fees received by them, and are paid a commission of 5 per cent. on the rights and icenses sold.

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†*Broken Hill (Willyama): J. F. Makinson. *MILPARINKA: J. Ducat. Tibooburra: J. Ducat. †*Wentworth: C. W. Thomas. White Cliffs: W. Le Brun Brown. †*Willcannia: W. Le Brun Brown.

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†*Bathurst: C. E. Smith. Blayney: H. J. Byrnes. Burraga: T. A. Smith. Canowindra: H. J. Byrnes. Carcoar: H. J. Byrnes. *†Cowra: H. J. Byrnes. Lithgow: C. E. Smith. Mandurama: J. L. King. Mitchell: C. E. Smith. †Molong: J. L. King. †Mount M'Donald: H. J. Byrnes. Newbridge: T. A. Smith. O'Connell: C. E. Smith.

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Is composed of two ingredients, one being the Cartridges (\$\frac{1}{2}\text{ in., \$\frac{1}{2}\text{ in., }\frac{1}{2}\text{ in., }\frac{1}{2}\text{ in., }\frac{1}{2}\text{ in., and \$\frac{1}{2}\text{ in., }\frac{1}{2}\text{ in., }\frac{1}\text{ in., }\frac{1}{2}\text{ in., }\frac{1}{2}\text{ in., }\frac{1}{2}\text{ in., }\frac{1}{2}\text{ in., }\frac{1}\text{ in.

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When required for use it is only necessary to dip the Cartridges in the Liquid for a few Seconds and then treat them in the same way as Dynamics.

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As a test that the cartridges are properly scaked, a dry core about one sixteenth of an inch in diameter should be left in the centre immediately after scaking. This can be ascertained by cutting one of the cartridges after dipping.

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The cartridges should be stored in a dry place, and the liquid should be kept well corked.

The detonator must be inserted in a cartridge or primer, not laid on the top of charge. Only the STRONGEST DETONATORS should be used.

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Australian Office: Mutual Life Buildings, Martin Place, Sydney.

Consulting Mining Engineer: John Howell.

Local Secretary: C. H. Hayward,

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Managing Director: J. J. Cooper.

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Secretary: J. Bethell, 110 Cannon-street, London.

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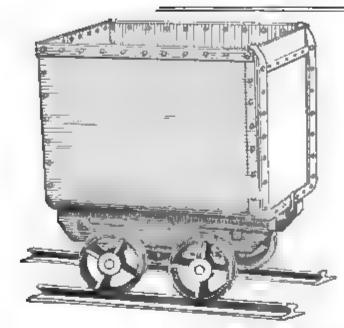
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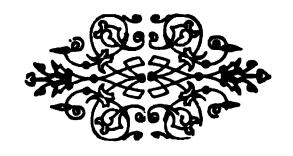
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Fiedler, H. W., Broken Hill Junction North Mining Co., Ltd.

Findlay, John, Stuart Town Gold Mines, Ltd.

Fitzgerald, R. G. D., M.P., The Stewart's Brook Gold Mining Co., N.L.

Firth, John, The Diamond Jubilee Mining Co., N.L.

Foreman, Dr. J., Hidden Treasure Gold Mining Co., N.L.

Fosse, J. E., The Avonia Gold Mining Co., Ltd.

Foster Paul, White Reef Gold Mining Co., N.L.

Fowler, Alfred, The Smelting Co. of Australia, Ltd.

Fraser, A. A., London Gold and Copper Fields Syndicate, Ltd.

Freehill, F. B., M.A., Shellback Gold Mining Co., N.L. (Provisional).

Frost, A., The Lord Hampden Gold and Quartz Crushing Co., N.L.

Fuller, C. J., Tamworth Gold Mining Co., Ltd.

Furner, F. O., The Broken Hill Ore Recovery Co., N.L. The Lady Brassey and Outward Bound Silver Mines Co., N.L. Rainbow and Mountain Maid Extension Gold Mining Co., N.L.

Gain, J. H., The Ballarat of New South Wales Gold Mining Co., N.L.

Gall, T. B., The Baker's Creek Gold Mining Co., N.L.

Gardner, F. L., Compagnie des Mines D'or. The D'arcy Estates Gold Mining Co., Ltd. The Lagoon Creek Gold Mining Co., Ltd. The Wentworth Extension Co., Ltd. Tambaroora Creek Gold Mine, Ltd.

Garland, C. L., The Dartmoor Mining Co., N. L. The Mount Stewart Lead and Silver Mining Co.

Gard, John E., Kimberley Diamond Mining Co.

Garett, Thos., J.P., Cornish Copper Co., Ltd. (Chairman).

Garnett, Colonel A. P., Amana Gold Mining Co., Ltd.

Gee, J., Broken Hill Junction North Mining Co. Ltd.

Gibb, W. A., The Ballarat of New South Wales Gold Mining Co., N. L.

Gibbs, Hon. Henry Lloyd, The Central Mine, Broken Hill.

Gillies, J. H., Newbridge Gold Mining Co., N. L.

Glass, Louis R., Mount Rea Gold Mining Co., Ltd.

Goldsmid, L. A. Hoffnung, Gallymont Goldfields, Ltd.

Goold, Pierce, J.P., The Mount Drysdale Gold Mining Co. Ltd. Mount Pleasant Gold Mining Co., N. L. (Chairman). Occidental Gold Mining Co., N. L.

Gordon George, Homeward Bound Gold Mining Co., N.L.

Gould Hon. A. J., The Great Cobar and Nymagee Copper Mining Syndicate.

Goulding E. A., London, Gold and Copper Fields Syndicate, Ltd.

Grady Standish, New Australian Broken Hill Consols, Ltd.

Gray G., The Cobar Chesney Copper and Gold Mining Co., N. L. (Provisional).

Green William, Eureka Gold Mining Co., N.L.

Green W. R., Broken Hill South Silver Mining Co., N.L.

Greenless Jas., Garibaldi Gold and Antimony Mining Co., Ltd.

Grice J., The Cobar Chesney Copper and Gold Mining Co., N.L (*Provisional*).

Tarrawingee Flux and Tramway Co., Ltd.,

Griffiths F. C., New Pinnacle Group Silver Mining Co., N.L.

Griffiths R., Overflow Silver Mining Co., N.L.

Griffiths W., The Eleanora Gold and Antimony Mining Co., N.L.

Gudgeon J. J., Young Australian Gold Mining Co., N. L.

Haege, H., Overflow Silver Mining Co., N.L. Corowa Deep Lead Gold Prospecting Co., N.L.

Halbert, George, Cornish Copper Company, Ltd.

Hall, T., The Diamond Jubilee Mining Co., N.L.

Hall, W. H., Koh-i-noor Gold Mining Co., N.L.

Hain, Hon. D., West Sunlight Reef Co., N.L.

Hamilton, Dr. F. G., Broken Hill Junction North Mining Co., Ltd. Lake George North Mines, N.L.

Hanbury-Tracy, Hon. G. E., New Australian Broken Hill Consols, Ltd.

Harcourt, Alfred, Girilambone Copper Mining Co., N.L. New Crown of Peak Hill Gold Mining Co., N.L., (Chairman).

Harker, J., The Birthday Gold Mining and Quartz Crushing Co., N.L. (Chairman). Sunlight Gold Mining Co., N.L.

Hasluck, W., White Cliffs Opal Mines, Ltd.

Hawkins, Richard, White Reef Gold Mining Co., N.L.

Hay, John, Mount Rea Gold Mining Co., Ltd.

Hayes, George, The Kurrajong Gold Mining Co.. Ltd.

Hayes, James, The Victoria Gold Mining Co., N.L. (Wyalong,) (Chairman.)

Hemsley, A. M., Slattery's Creek Gold Mining Co., N.L.

Henning, E. Biddulph, North Nymagee Copper Mining Co., N.L. Bushman's Hill Extended Gold Mining Co., Ltd.

Henderson, W. Victoria Gold Mining Co., N.L.

Herbert, Sir E., K.C.B., Howell's Consolidated Gold Mines, Ltd.

Hitchings, S. W., The Lowe and Alchin Central Gold Mining and Quartz Mining Co., N.L.

Hoffnung, A., Gibraltar Consolidated Gold Mining Co. Ltd. (Chairman.)

Hogan, W. J., J. P., The Mount Drysdale Gold Mining Co., Ltd. Occidental Gold Mining Co., N.L. Old Peak Gold Mining Co., N.L.

Hogan, J., New Eldorado Gold Mining Co., N.L. (Chairman.)

Holden, T. D. P., The Golconda Gold Mining Co., N. L.

Holdship, Geo., The Mount David Gold Mining Co., N. L.

Holland, A. C., Mount Rea Gold Mining Co., Ltd.

Holmes, Dr. Richard, Wythes and Mooney Gold Mine Co., N. L.

Horden, -.., Booth's United Gold Mines Co., N. L.

Horner, M., Lyndhurst Gold Field, Ltd.

Hosking, T., The Ballarat of New South Wales Gold Mining Co., N. L.

Howard, F. C., Broken Hill South Silver Mining Co., Ltd.

Howarth, W., Homeward Bound Gold Mining Co., N. L.

Howe, Hon. J. H., Broken Hill Bonanza Silver Mine Co., N. L Broken Hill Junction Silver Mine Co., Ltd.

Howell, John, The Smelting Co. of Australia, Ltd. The Cobar Chesney Copper and Gold Mining Co. (*Provisional*). Overflow Silver Mining Co., N. L. The Dartmoor Mining Co., N. L.

Howman, R., The Ballarat of New South Wales Gold Mining Co., N. L.

Hulley George, The Great Southern Amalgamated Gold Mining Co., N. L. The Great Northern Gold Mining Co., N. L.

Hunt George Thos., Young Australian Gold Mining Co., N.L.

Hunt J. O., Cobar Maritana Gold Mining Co., N.L.

Hunter John, Falkner's Gold Mining Co., Ltd.

Hurley W. F., M.L.A., The Lady Beatrice Gold Mining Co., Ltd.

Hutchison Alex., Tilden's Proprietary Gold Mining Co., N.L.

Hyndman W. M., Broken Hill Bonanza Silver Mining Co., N.L. Broken Hill South Silver Mining Co., N.L. North Broken Hill Silver Mining Co., N.L.

Hyndman W. H., Lake George North Mines, N.L.

Imray Robt., Happy Valley Gold Mining Co., Ltd. (Chairman). Barmed-man Cyanide Milling Co., N. L. (Chairman.)

Ind Geo. F., Broken Hill Junction Silver Mining Co., Ltd.

Inglis G. M., The Smelting Co. of Australia, Ltd.

Inglis Hon. James, Garibaldi Gold and Antimony Mining Co., Ltd. Over-flow Silver Mining Co., N.L. Sydney: The Victory Forest Reefs Gold Mining Co., N.L.

Ingram T., Broken Hill Proprietary Block (14) Co., Ltd.

Jackson, John, Surface Hill Gold Mining Co., N.L.

Jackson, Mrs. Bell, Lake George South Mines.

Jackson, R., Bushman's Hill Extended Gold Mining Co., Ltd. New Bushman's Hill Gold Mining Co., N.L.

Jane, William, The Victoria Gold Mining Co., N.L. (Wyalong)

Janin, Louis, Burra Burra Copper Mine Syndicate, N.L.

James, David, The Baker's Creek Consols Gold Mining Co., N.L. The Eleanora Gold and Antimony Mining Co., N.L.

Jameson, Wm., Broken Hill Proprietary Block 10 Co., Ltd.

Jessep, L. A., Broken Hill South Silver Mining Co., N.L.

Jenkins, R., C.E., J.P.; The Inverell Diamond Fields, Ltd.

Johns, Bennett, Broken Hill Junction Silver Mining Co., Ltd.

Johns, C. Maurice, The Victoria Gold Mining Co., N.L. (Wyalong)

Johnson, J. W., New Pinnacle Group Silver Mining Co., N.L. The Parkes Gold Mining and Quartz Crushing Co., N.L.

Jordan, T., The Caloola Creek Gold Mining Co., N.L.

Jones, H. A., The Dromedary Gold Mining Co., N. L.

Jones, L. C. R., The Ballarat of New South Wales Gold Mining Co., N. L.

Jones, T., M.P., Peak Hill Proprietary Gold Mining Co., N. L.

Joseph, E., Golconda Gold Mining Co, N. L.

Josephson, J. Percy, Bluey Gold Mining Co., N. L. New Royal Standard Gold Mining Co., N. L.

Judd, W. G., The Dartmoor Mining Co., N. L.

Judd, W. C., J.P., North Gibraltar Gold Mining Co., N. L.

Kavanagh, James, Peak Hill Proprietary Gold Mining Co., N.L.

Kellerman, F., North Cobar Copper Mining Co., Ltd.

Kelly, T. H., Tumbarumba Flat Sluicing Co., N. L. The Macquarie Gold Co., Ltd. North Nymagee Copper Mining Co., N. L. Great Cobar Copper Mining Co., Ltd. (*Chairman*). New Mount Hope Copper Mining Co., Ltd. Young Australian Gold Mining Co., N. L.

Kelly Bowes, Broken Hill Proprietary Co., Ltd. Broken Hill Proprietary Block 10 Co., Ltd.

Kelly, Geo. C., Booth's United Gold Mines Co., N.L.

Kenny, J. B., The Caloola Creek Gold Mining Co., N.L. (Chairman).

Keswick, William, The Smelting Co. of Australia, Ltd. (Chairman)

Kilmorey, Earl of, Aladdin's Lamp Gold Mining Co., Ltd. Amana Wentworth Gold Mining Co., Ltd. Wentworth Goldfields Proprietary Co., Ltd.

King, T., Wythes & Mooney Gold Mine Co., N.L.

Kingscote, John B., Brown's Paddock Gold Mines, Ltd.

Kinhead, Robert, J.P., The Mount Drysdale Gold Mining Co., Ltd. New Eldorado Gold Mining Co., N.L. Occidental Gold Mining Co., N.L. Kinnear, R. S.. Overflow Silver Mining Co.. N.L.

Kintore, Earl of, The Sulphides Corporation (Ashcroft's Process) Ltd. The Central Mine, Broken Hill.

Kirby, F., White Cliff Opal Mines, Ltd.

Knaggs, Dr. Samuel T., Great Cobar Copper Mining Co., Ltd.

Knight, Charles, Lady Greaves Gold Mine, The Peak, Cobar.

Knoblanche, C., Halpin Secret Gold Mines, N. L.

Knox, Adrian, Dayspring Consolidated Gold Mining Co., N. L. (Chairman).

Knox, Wm., Broken Hill Proprietary Co., Ltd.

Koop, Saul, Gold and Copper Fields Syndicate, Ltd.

Kron, Frank, The Briar Park Alluvial Gold Mining Co., N. L.

Lamb, J. de V., North Cobar Copper Mining Co., Ltd. Peak Hill Proprietary Gold Mining Co., N. L.

Lance, Major-General F., C.B., The N. S. Wales Goldfields, Ltd.

Lane, Dr., Inverell Bulong Gold Mining Co., N. L.

Langton, E., Broken Hill South Silver Mining Co., N. L.

Laughton, E., Broken Hill Proprietary Block 14 Co., Ltd., (Managing).

Lawrence, V., The Baker's Creek Consols Gold Mining Co., N. L.

Lean, Thomas, J.P., The Mount Drysdale Gold Mining Co., Ltd. Occidental Gold Mining Co., N. L. New Eldorado Gold Mining Co., N. L.

Leardet, A. C., Giandarra Gold Mining Co., N. L.

Learoyd, F. W., The Macquarie Gold Co., Ltd.

Leech G. W., Great Mount Phænix Gold Mining Co., Ltd. (Managing).

Leverson, D. A., Anglo-Australian Exploration Co., Ltd.

Levy, John, Cobar Mining Co., N. L.

Levy, Lewis, The Golconda Gold Mining Co., N. L.

Lloyd, Lewis, The Cobar Chesney Copper and Gold Mining Co., N. L. (Provisional.) The Mount Apsley Copper Mining Co., N. L.

Lock. C. G. Warnford, M.I.M.E., The Macquarie Gold Co., Ltd. (Managing).

Loftus, A. P. B., White Clffs Opal Mines, Ltd.

Lonregan, J. P., Australian Diamond Mines Proprietary Co., N. L.

Longworth, William, The Great Cobar-Nymagee Copper Mining Syndicate.

Low, J. S., Paddy Lackey Deep Level Ltd.

Lowles, John, M.P., Kimberley Diamond Mining Co.

Loyd, W., Cobar Gold Mines, Ltd.

Lukach, J. H., The Sulphides Corporation (Ashcroft's Process), Ltd, The Central Mine, Broken Hill.

Lurgan, Lord, The Beacon Gold Mines, Ltd. (Chairman).

Lyons, M., Lyndhurst Gold Field, Ltd.

Macadam, J. M., Newbridge Gold Mining Co., N. L. (Chairman.)

Lyne, W. J., The Braidwood Proprietary Gold Mining and Sluicing Co.

McBean, G., West Sunlight Reef Co., N.L.

McBride, B. Great Copar Copper Mining Co. Ltd.

McBryde, D. E., Broken Hill Proprietary Co., Ltd. Broken Hill Proprietary Block 10 Co., Ltd. (Chairmain.)

McCabe, B. H., Mount Gahan Gold Mining Co., N.L.

McDonald, J. Cobar Gold Mines, Ltd.

M'Donald, J., Bell's Creek Gold Mining Co., N.L.

M'Donald, J., Brown's Paddock Gold Mines, Ltd.

M'Donnell, Joseph, The Golden Fleece Gold Mining Co., N.L.

M'Donnell, James Joseph, White Reef Gold Mining Co., N.L.

M'Encroe, P., Woodstock Gold Mine and Quartz Crushing Co., N.L.

M Gregor, D., Cornish Copper Company, Ltd.

M'Kay, E., The Braidwood Proprietary Gold Mining and Sluicing Co., Ltd.

M'Kellar, — Errebendery Gold Mining Co., Ltd. (Chairman).

M'Kellar, Hon. Dr., Ashburnham Mining Co. N. L.

M'Lachlan, A. J., The Victory Forest Reefs Gold Mining Co., N.L.

M'Lachlan, H, Victory Forest Reefs Gold Mining Co, N.L.

M'Mordie, David, Wier's Consolidated Gold Mining Co., N.L.

McLean. D. J., The Warratta Public Battery, Gold Mining and Quartz Crushing Co., N.L.

M'Nall, J., The Dayspring Consolidated Gold Mining Co., N.L.

M'Phillamy, John H., The Mount David Gold Mine Co., N.L.

Maddison, William Thomas, White Reef Gold Mining Co., N.L.

Magarey, W. J., British Broken Hill Proprietary Co., Ltd.

Mahady, James, The Elsmore Valley Tin Mining Co., N.L.

Mallett, Charles, The Great Northern Gold Mining Co., N.L.

Mallet, W. Henry, The Great Southern Amalgamated Gold Mining Co. N.L.

Manby, E., M.I.C.E., The Smelting Co. of Australasia, Ltd.

Mansfield, A. C., Manildra Gold Mining Proprietary Syndicate.

Margowski, Max. The Inverell Diamond Fields, Ltd.

Marks, David, Gallymont Goldfields, Ltd. Gibraltar Consolidated Gold Mining Co., Ltd. (*Deputy Chairman*). Anglo-Australian Exploration Ltd.

Marks, B. F., Gallymont Goldfields, Ltd. Gibraltar Consolidated Gold Mining Co., Ltd.

Marks, G. W., The Avonia Gold, Mining Co., Ltd.

Marsetti, Robert Burt, Howell's Consolidated Gold Mines, Ltd.

Maschwitz, W. P., Happy Valley Gold Mining Co., Ltd. Barmedman Cyanide Milling Co., N.L.

Massey-Mainwaring, W. F. B., Gold and Copper Fields Syndicate, Ltd. (Chairman).

Master, H. Chester, Aladdin's Lamp Gold Mining Co., Ltd.

Maude, A. G. The Ballarat of New South Wales Gold Mining Co., N.L.

Maxse, Admiral F. A., Wentworth Gold Fields Proprietary Co., Ltd. Aladdin's Lamp Gold Mining Co., Ltd.

Maxwell, A. H. K., New Mount Hope Copper Mining Co. Ltd.

Mellersh, H. L., The Kurrajong Gold Mining Co. Ltd.

Menaill, G. D. Cobar Mining Co., N.L.

Meyer, Eliott, The New Royal Standard Gold Mining Co., N.L. Bluey Gold Mining Co., N.L.

Miller, Alex. Jno., Booth's United Gold Mines Co. N.L.

Milligan, J. R. A., Cobar Mining Co., N.L.

Milne, Jas., junr., Ashburnham Mining Co.. N.L.

Mitchell, P. C., Bell's Creek Gold Mining Co., N.L.

Moir, Jas., New Mount Hope Copper Mining Co., Ltd.

Molesworth, F. H., Falkner's Gold Mining Co., Ltd.

Moneden, B. A., Broken Hill South Silver Mining Co., N.L.

Monie, William. Kimberley Diamond Mining Co.

Montfort, E., Compagnie Des Mines D'or (Brown's Creek), Ltd.

Moon, J. C.. Surface Hill Gold Mining Co., N.L.

Moore, George, M.D., Australian Diamond Mines Proprietary Co., N.L.

Moore, S. W., M.L.A., Halpin Secret Gold Mines. N.L.

Moore, Henry Byron, Tarrawangee Flux and Tramway Co., Ltd.

Moore, C. G., Tumbarumba Flat Sluicing Co., N.L.

Moore J. W., The Elsmore Valley Tin Mining Co., N.L. (Chairman).

Moreau, E. E., The Colo Creek Gold Mining Co., Ltd.

Moreing C. Algeron, Lyndhurst Gold Field, Ltd.

Morgan James, Girilambone Copper Mining Co., N.L.

Morgan T. S., Slattery's Creek Gold Mining Co., N.L.

Morris Hon. S., West Sunlight Reef Co., N.L.

Morris Thomas Henry, Pioneer Gold Mining Co., Mount Carrington.

Morrison N., J.P., Young Australian Gold Mining Co., N.L. (Chairman).

Morrison W. T., Cobar Gold Mines, Ltd.

Morton Dr. Inverell Bulong Gold Mining Co., N.L.

Moss David, The Inverell Diamond Fields, Ltd.

Moulden B. A., Broken Hill Proprietary Block 14 Co., Ltd.

Muecke H. G. E., Broken Hill Proprietary Co., Ltd.

Mulholland F. G., Koh-i-noor Gold Mining Co., N.L.

Munn A. L., Mount Gahan Gold Mining Co., N.L. Mount Lewisson Gold Mining Co., Ltd.

Murphy J. F., The Star Lead No. 1 Gold Mining Co., N.L.

Murray Reginald A. F., F.G.S., Lake George South Mines (Provisional).

Murray, L. G. Tamworth Gold Mining Co. Ltd.

Murray, R. Broken Hill Junction Silver Mining Co., Ltd.

Musgrove, W. N. Cobar Maritana Gold Mining Co., N.L.

Musgrove, W. A. Occidental Gold Mining Co., N.L.

Myring, Thomas Hewitt, Mount Durward Syndicate Ltd.

Nathan, E. Koh-i-noor Gold Mining Co., N.L.

Nathan, Henry L. Lake George Proprietary Co. N.L. Woodstock Gold Mining and Quartz Crushing Co., N.L.

Neave, -- Booth's United Gold Mines Co. N.L.

Nelson, A. D., M.L.A., The Lady Beatrice Gold Mining Co., Ltd.

Nelson, Joseph, New Crown of PeakHill Gold Mining Co., N.L.

Nettie, L. R., Great Victoria Gold Mine Co., Ltd.

Newman, H. W. The Ballarat of N.S.W. Gold Mining Co., N.L. (Managing.)
The Victory Forest Reefs Gold Mining Co., N.L.

Noonan, J., The Ballarat of New South Wales Gold Mining Co., N.L.

Norton, H. G., The Lord Hampden Gold Mining and Quartz Crushing Co., N.L.

O'Brien, John, Tilden's Proprietary Gold Mining Co., N.L.

Old, T., Ashton Gold Mining Co., Ltd.

Oliver, Alex., Lake George South Mines (Provisional Director).

O'Neil, William, Princess Gold Mining Co., N.L.

Orr, F. W. Errebendery Gold Mining Co., Ltd.

Orr, J. H., Errebendery Gold Mining Co., Ltd.

Osborne, Captain Clarence Arthur, Mount Durward Syndicate, Ltd.

O'Sullivan, E. W., The Braidwood Proprietary Gold Mining and Sluicing Co., N.L.

Pain, Jules, Gallymont Goldfields, Ltd. Anglo-Australian Exploration, Ltd.

Pala, C., Corowa Deep Lead Gold Prospecting Co., N.L.

Parbury, F. A., J.P., The Stewart's Brook Gold Mining Co., N.L.

Parkin, Thos., Corowa Deep Lead Gold Prospecting Co., N.L.

Palmer, Herbert, The New South Wales Exploration, Ltd.

Parkin Thos., Corowa Deep Lead Gold Mining and Prospecting Co., N.L.

Parr H. T., Surface Hill Gold Mining Co., N. L.

Patterson D. W. H., Broken Hill Proprietary Co., Ltd.

Patterson H., Broken Hill Proprietary Block (14) Co., Ltd.

Pauton G., Girilambone Copper Mining Co., N.L. (Chairman). North Central Broken Silver Mining Co., N.L.

Pearce W. J., The Lady Brassey and Outward Bound Silver Mines Co., N.L.

Pemberthy Henry, The Elsmore Valley Tin Mining Co., N.L.

Pennen Frderick, The Lowe and Atchin Central Gold Mining and Quartz Mining Co., N.L.

Perry John, The Dartmoor Mining Co., N.L. Lake George Proprietary Co., N.L.

Perry John E., Wentworth Goldfields Proprietary Co., Ltd. Aladdin's Lamp Gold Mining Co., Ltd.

Pilcher C. E., The Cobar Chesney Copper and Gold Mining Co., N.L. (Provisional).

Pollard, Henry John, Lady Maude Gold Mining Co., N.L.

Pope, H. N., Overflow Silver Mining Co., N.L.

Pope John, The New Royal Standard Gold Mining Co., N.L.

Purcell, A. B., Bell's Creek Gold Mining Co., N.L.

Purcell, Herbert Churchill, M.D., Lady Maude Gold Mining. The New South Wales Cinnabar Prospecting Co., Ltd.

Purcell, L., Woodstock Gold Mine and Quartz Crushing Co., N.L.

Purves, John G., The Star Lead No. 1. Gold Mining Co., N.L.

Puckle Murray, Lake George North Mines, N.L.

Pyke, Thos., Broken Hill Proprietary Block 10 Co., Ltd.

Quinn, Charles, Kimberley Diamond Mining Co.

Quinn, P.E., Giandarra Gold Mining Co., N.L.

Ralston, J. T., Weirs Comelidated Gold Mining Co. N.L.

Randall, A. B., White Cliffs Opal Mines, Ltd.

Randle, Felix, North Nymagee Copper Mining Co., N. L. (Chairman).

Rankin, J. C., Manildra Gold Mining Proprietary Syndicate, Ltd.

Raphael, W. S., The Ballarat of New South Wales Gold Mining Co., N.L.

Ratcliffe, Walter, Colo Creek Gold Mining Co., N. L.

Read, Dr., The Great Cobar and Nymagee Copper Mining Syndicate.

Read, J. S., Tarrawingee Flux and Tramway Co., Ltd.

Read, Macfarlane G., The Central Mine, Broken Hill.

Read, W. V., Slattery's Creek Gold Mining Co., N.L.

Reading, Edward, New Emu Gold Mining Co., Ltd.

Renard, C. W., Victoria Gold Mining Co., N. L. (Temora).

Revett, E. S., Compagnie des Mines d'Or. The D'Arcy Estates Gold Mining Co., Ltd. Cobar Gold Mines, Ltd.

Rhodes, F., Ashton Gold Mining Co., Ltd.

Richardson, T., The Briar Park Alluvial Gold Mining Co., N. L.

Riddick, H., J.P., New Eldorado Gold Mining Co., N. L.

Rigby, W. H., Broken Hill Junction North Mining Co., Ltd.

Ringrose, B., The Warratta Public Battery Gold Mining and Quartz Crushing Co., Ltd.

Risline, R., West Sunlight Reef Co., N.L.

Roberts, E. Russell, British Broken Hill Proprietary Co., Ltd.

Roberts, H. W., The Mount Apsley Copper Mining Co., N. L.

Robertson, W., Homeward Bound Gold Mining Co., N. L.

Robinson, W. W., The Great Cobar and Nymagee Copper Mining Syndicate.

Robinson, J. J., New Coramba Queen Gold Mining Co., N. L.

Robinson, T. W., Warratta Public Battery Gold Mining and Quartz Crushing Co., Ltd.

Robson, George, The Mount David Gold Mining Co. (Chairman). The Day spring Consolidated Gold Mining Co., N. L.

Robyne, John, Giandarra Gold Mining Co., N. L.

Romilly, A., Brown's Paddock Extended Mines, Ltd.

Rose, William, The Golconda Gold Mining Co., N. L. (Chairman).

Rothwell, -..., The New South Wales Extended Fields, Ltd.

Rowe, H. L., British Broken Hill Proprietary Co., Ltd.

Rowe, W. The Birthday Gold Mining and Quartz Crushing Co., N. L.

Roxburg, D. W., Barmedman Cyanide Milling Co., N.L.

Ryder, J. E. D., London, The Lagoon Creek Gold Creek, Ltd. Tambaroora Creek Gold Mine, Ltd.

Ryder, J. J., The Wentworth Extension, Ltd.

Rygate, P. W., Shellback Gold Mining Co., N. L. (Provisional).

Rutherford, Jas., Koh-i-noor Gold Mining Co., N. L.

Saddler, V. J., New Bushman's Hill Gold Mining Co., N. L. Mount Allen Gold Mining Co., N. L. The Cobar Chesney Copper and Gold Mining Co., N. L. (*Provisional*).

Sands, W., Tailings Reduction Syndicate, N.L.

Savill, Walter, The Smelting Co. of Australia, Ltd.

Scantlebury, J. E., The Mogo Gold Mining Co., N.L. The Mount Apsley Copper Mining Co., Ltd.

Scott, D., New Coramba Queen Gold Mining Co., N.L.

Scott, Dr. H. J. H., J.P., The Stewart's Brook Gold Mining Co., N.L. (Chairman).

See, John, Lake George Proprietary Co., N.L. Mount Allen Gold Mining Co., N.L.

Senior, W. W., Cobar Mining Co., N.L.

Sinclair, John, Inverell Bulong Gold Mining Co., N.L.

Shannahan, D., New Eldorado Gold Mining Co., N.L.

Sharpe, M., J.P., D.L., Brown's Paddock Gold Mines, Ltd.

Shaw, A. G. Y., Great Cobar Copper Mining Co., Ltd.

Shaw-Stewart, Major-General, Aladdin's Lamp Gold Mining Co., Ltd.

Amana Gold Mining Co., Ltd.

Shenstone, Wm., The Birthday Gold Mining and Quartz Crushing Co., N.L.

Sheppard, Haliburton, Broken Hill North Mining Co., Ltd.

· Sly, Dr. J. D., Shellback Gold Mining Co., N.L. (Provisional).

Sweeth, W. F., The Bombo Gold Mining Co., N.L.

Smith, D., Homeward Bound Gold Mining Co., N.L.

Smith, George D., Harry Smith Gold Mining Co., N.L.

Smith G., The Baker's Creek Gold Mining Co., Ltd.

Smith, J. O., The Lady Beatrice Gold Mining Co., Ltd.

Smith, Leonard, Newbridge Gold Mining Co., N.L.

Smith, L., The Birthday Gold Mining and Quartz Crushing Co., N.L. The Parkes Gold Mining and Quartz Crushing Co., N.L.

Smith, Robert, J.P., Cobar Gold Mines Ltd. (Chairman), Sydney. Ashburnham Mining Co., N.L.

Smith, Thomas V., Harry Smith Gold Mining Co., N.L.

Smith W., The Baker's Creek Gold Mining Co., N.L.

Smith, W., Cornish Copper Company, Ltd.

Snowdon, W. M The Mogo Gold Mining Co., N.L.

Solomon, Edward, The Stewart's Brook Gold Mining Co., N.L.

Solomon, H. J., Mount Lewisson Gold Mining Co., Ltd.

Solomon, S., Mount Lewisson Gold Mining Co., Ltd. Hidden Treasure Gold Mining Co., N.L. (Managing Director.)

Sparke, W. E., Ashburnham Mine Co., N.L.

Spence, J. B., The Baker's Creek Gold Mining Co., N.L.

Spensley, Hon. Howard, The New South Wales Exploration Ltd. (Chairman).

Sprigg, W. G., Broken Hill Bonanza Silver Mine Co., N.L.

Stanley, Edwin, The Mount David Gold Mining Co., N.L.

Stabback, W. S., The Ballarat of New South Wales Gold Mining Co., N.L.

Staughton, W. H., Broken Hill Junction North Mining Co., Ltd.

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- Wharton, John C., Broken Hill Junction, North Mining Co., Ltd. Lake George North Mines, N.L., 859 Collins-street, Melbourne.
- Wood, J. Campbell M., N.S.W. Exploration Co., 15 Scott-street, Newcastle. Woolcott Waley F., Bellambi Coal Co. Proprietary, Ltd., 68, Pitt-street, Sydney.



FRANK S. MOORE, SOLICITOR, 16 ELIZABETH STREET SYDNEY.

Mine Managers.

Ahern, John, Ahern's Mine, Moonan Brook.

Allen, T. J., Caledonian Claim, Wyalong.

Anthony, John, The Howell Exploration Ltd., Dust Hole and Just-in-Time Mines, Junee.

Ashenden, B., Mount Clarendon.

Baker, Henry John, Rockdale Gold Mine, Junee Reefs.

Baker, John, Lady Maud Gold Mine, Stewart's Brook.

Bardock, H. T., Braidwood Proprietary Gold Mining and Sluicing Co., N.L.

Barrett, Park, Golden Treasure Gold Mine, Araluen.

Bassetti, T. B., Cinnabar Mine, Lionsville, via Tenterfield.

Bassetti, T. B., Nogregar Cinnabar Mine, Lionsville.

Baxter, R., Stockton Coal Co., Ltd., Stockton.

Bellette, W. J., Happy Valley Gold Mine, Gulgong.

Bennett, Capt. R., Hanging Rock Gold Mine, Nundle.

Bermstum (Manager), Picininie Gold Mine, Yalgogrin.

Butt, R. J., Lone Hand, Mac's Reef, Bywong.

Blakemore, William, Girilambone Copper Mining Co., N. L.

Blackley, John, New Hartley Colliery, New Hartley, via Capertee.

Blackmore, G. W., Smelting Company of Australia, Ltd., Dapto.

Blackwell, Louis B., Vale Colliery, Lithgow.

Blakeway, J., Hidden Treasure Gold Mine, Gilgunnia.

Boesenberg, C. H. W., Mountain View, Crudine.

Bond, L. H., Golden Jubilee, Barraba.

Boutilien, Geo., Evening Star Claim, Weddin.

Braithwaite, W. Enterprise Gold Mine, Mount Dromedary.

Branagan, Wm., Bywong, The Long Tunnel Syndicate.

Bright, J., Royal Albert Gold Mine, Gundagai.

Brodie, Robert, Leger Gold Mine, Wyalong.

Brougham, Thos., Vale of Clwydd Colliery, Lithgow.

Brown Andrew, Independent Gold Mine, Towamba.

Brown, Alfred E., Prince of Wales Mine, Gundagai.

Brown, A. J., Highland Mary, Jersey, Just-in-Time, Morning Star Mine. (N.S.W. Goldfields, Ltd.), Swamp Oak.

Brown, Glenville, Eureka Claim, Delegate.

Brown, Henry, The Lowe and Alchin Central Gold Mine and Quartz Mining Co., N.L., Bywong.

Brown, J., The Mount Lewisson Gold Mine, Pambula.

Buckland, R., Welcome Claim, Tia.

Buckley, J., Black Diamond Gold Mine, Nelligen.

Burt, John R., Homeward Bound Claim, West Wyalong.

Cadell, A., Coramba King and Evening Star Mines, Coramba.

Cameron, Alexander, Kadina Gold Mine, Alectown.

Campbell, John, Lighthouse Claim, West Wyalong.

Carr, George, Black Coon Gold Mine, Yalgogrin.

Carten, George, Bellambi Colliery, Bellambi.

Carter, R. H, Carter's Mines, Stewart's Brook.

Cash, H., Great Eastern and Caledonian Gold Mining Co., Ltd.

Cawse, C. L., New Mount Hope Copper Mining Co., Ltd., Mount Hope.

Chandler, W., Mountain View Gold Mine, Fifield.

Chapple, Alfred, The Lady Beatrice Gold Mining Co., Ltd. Cobar Great Western Gold Mining Co., N. L., Cobar.

Charleston, Kemp J., Lagoon Gold Mine, Sunny Corner.

Charleston, Kemp, J. Tambaroora Gold Mine, Tambaroora via Hill End.

Clark, J., Democrat Claim, Wyalong.

Clarth, Charles Henry, The Colo Creek Gold Mining Co. Trunkey.

Cock, M. D., Glen Elgin Gold Mining Co. Ltd.

Cogill, Frank, The D'Arcy Estates Gold Mining Co. Ltd., Lucknow.

Cohner, W., Sunnyside Gold Mining, Sunnyside.

Cole, Geo. K., Cole, Ryan, and Torpey's Gold Mine, Adelong.

Collings, W. G., New Emu Gold Mine, Gundagai.

Conley, Thos. A., Brown and Blue Lodes (Great Peak and Freehold Gold Mining Co., N.L., Cobar.

Connolly, Thomas, Kimberley Diamond Mine, Bingara.

Conway, W., Shamrock and Thistle Gold Mine, West Wyalong.

Crabb, William, The Beacon Gold Mines, Ltd., Upper Bucca Creek.

Crocker, E. Record Reign Claim, Thurrambatman.

Croft, Joseph, The Newcastle Coal Mining Co., Ltd.

Dane, J. C., Webb's Silver Mine, Emmaville.

Davies, Gwynne, The Dromedary Gold Mine, Mount Dromedary.

Davis, A. B., M.P., Lone Hand No. 2, Gundagai.

Davis, George F., The Christmas Gift Gold Mine, Wyalong.

Davis, John, Christmas Gift, Wyalong.

Davis Philip, Ophir Gold Mining Co., Ophir.

Davy, J. B., Bland Proprietary.

Dawe, Henry, North Central Broken Hill Silver Mine.

Dawe, John C., Webb's Siver Mine, Emmaville.

Dawson, Albert, Elsenora Claim, Victoria Flat, via Binda.

Dechow, E., The Avonia Gold Mining Co., Ltd., Nundle.

Dempsey, John, The Jubilee Gold Mine, Windeyer.

Dempsey, Patrick, Erroll Gold Mining Co., Ltd., Blayney.

Ditchburn, R. W., Crown Point Gold Mining Co., Ltd.

Dixon, J., The Greta Coal Mine, Greta.

Dudley, Uriah, White Rock Silver Mine, Drake.

Duncan, G. K., Duncan Noyes and Co.'s Battery, West Wyalong.

Dun, C. A., Victory Mine, Forest Reefs, Orange.

Dunstan, Alfred John, M.E., Pinnacles Gold Mine, Ltd., Boyd, via Forbes,

Durkin, P., Mount Momsen Gold and Silver Mining Syndicate, Wolumla.

Eccleton, Geo., Blue Mystery Mine, Lower Bucca, via Grafton.

Elliott, Joseph, Poor Man's Mine, Stuart Town.

Evans, John, Coramba Queen Gold Mine.

Evans, J. E., American Reef, Canowindra.

Evans, Robert, Birthday Gold Mine, Parkes.

Gallagher, A., Girl in Blue Gold Mine, Restdown, Cobar.

Gibbons, F. Walbundrie Reefs, Nimble Shilling Claim.

Fairley, Archibald, Seaham Colliery, Newcastle.

Farrar, John H. C., Eaglehawk Hill Diamond Mine, Bingara Division.

Faull, Gabriell, Occidental Gold Mine, Cobar.

Feehy, Patrick, Hard-to-find Claim, Mount Drysdale, Cobar.

Field, A., Trickett Gold Mine, Stuart Town.

Finch, E. W., Queenslander Gold Mine, Sofala.

Fitch, James, Young O'Brien's Gold Mine, Grenfell.

Fitzgerald, J., Quilter's Chrome Mine, Goberralong, Coolac.

Flannery, J., Currajong Gold Mine, West Wyalong.

Foster, John, Burra Burra Copper Mine, Cobar.

Frazer, Thos., The Great Eastern Reformed Mine, Peak Hill.

Fulton, Hugh, Victoria Gold Mine, Springdale.

Gibson, Hugh, Black Appin Gold Mine, Bowna.

Gillard, G., Hogan's Reef, Wattle Flat.

Glasson, W. H., British Lion Gold Mining Syndicate.

Gough, A. J., Yalgogrin Public Crushing Plant, Yalgogrin.

Greenway, T. J., Port Adelaide Smelting Works, (General Manager) Broken Hill Proprietary Block 14 Co., Ltd.

Grove, W.R., Pulley's Bald Hill Gold Mining Co., Hill End. Macquaries Gold Co., Ltd.

Gunther, F., Prince of Wales Claim, West Wyalong.

Hall, James, Hall's Reward Gold Mine, Temora.

Hall, Wm., Hartley Vale Colliery, Newcastle.

Hamilton, Benjamin, Little Hero Claim, West Wyalong.

Harney, James, Lucky Hit Gold Mine, Tuena.

Harris, Joseph, Yorkshire Lass Gold Mine, Wyalong.

Harris, Wm., Lucknow Claims, West Wyalong.

Harrison, A. J., Walsh's Dyke Gold Mine, Batlow.

Hay, Robert, Oakey Park Coal Mining Co., Ltd., Lithgow.

Hayes, F., The Penrose Reef, Yulgilbar, Grafton.

Higgins, Chas, New Crown of Peak Hill Gold Mining Co. N.L.

Hill, W. J., The Baker's Creek Gold Mining Co., N.L.

Holmes, Joseph, Phænix Gold Mine, Condobolin.

Holmes, S., Eureka Gold Mining Co., N.L.

Hookey E., Little Dora Gold Mine, Manning River.

Horwood, E. J., Broken Hill Proprietary Co., Ltd.

Humphreys, Hugh, Dudley Colliery, via Newcastle.

Huntly, H.M.D., Mossgiel Prospecting Syndicate, Yalgogrin.

Hunt, Jno. O., Young Australian Gold Mine, Cobar.

Hutchens, John, Caloola Creek Gold Mine, via Newbridge.

Hyronimus, H., Kynga Colliery, Kynga.

Ilsley, Edwin, Four Acres, Stuart Town.

Jacobs, J. W., New Pinnacle Group Silver Mining Co., N.L., Broken Hill. James David, The Golden Bard, Uralla.

Juman, Wm., Manildra Gold Mine Proprietary Syndicate, Ltd., Manildra.

Johnston, John, Bulli Colliery, Bulli.

Johnston, John, Mount Gahan Gold Mining Co., N.L., Pambula.

Jolly, F., The Eleanora Gold and Antimony Mining Co., N.L.

Jolly, F., The Baker's Creek Consols Gold Mining Co., N.L.

Jones, David, Great Central Copper Mine, South Mount Hope.

Jones, Hugh, Queen of the West Gold, Copper, Silver and Lead, Gilgunnia.

Jones, J. C., South Bulli Colliery, Bellambi.

Jones, J. C., Southern Coal Co. of New South Wales, Ltd., Wollongong.

Jones, L., New South Gold Mining Co., Wyalong. Klink's New South Wales Gold Mine, West Wyalong.

Kelly, Patrick, The Undaunted Gold Sluicing Co., Junction, via Trunkey.

Kelly, S., Peak Hill Gold Mining Co., N.L., Peak Hill.

Kessley, George, Kessley's Prospecting Claim, Warratta East.

Killen, Samuel, Louisa Claim, West Wyalong. Klink's New South Wales Gold Mine, West Wyalong.

Kirk, R N., Lyndhurst Gold Field, Ltd. (Sydney agent).

Kirkwood, David, Heyney's Reef Mining Syndicate, Wattle Flat.

Knight, William, Princess Gold Mining Co,, N. L., West Wyalong.

Lathby, R. J., Paddy Lackey Deep Level, Ltd.

Lavery, E. C., Lady Mary Gold Mine, Bingara.

Lawlor, James, Star of the East, Wyalong.

Lebentrett, E., The Trilby Claim.

Lock, C. G. Warnford (Superintendent), Wentworth Gold Fields Proprietary Co., Ltd., Lucknow.

Lord, W. W., Morley Colliery, Gunnedah.

Lush, J. W., Victory Claim, Bywong.

Lynch, M., Golden Fleece, Gold Mining Co., West Wyalong.

Lynch, P. J., Waratah Claim, Wyalong.

Maclaren, Duncan, (Business Manager at Mine), Broken Hill Proprietary Co., Ltd.

MacPherson, Robert, Mount Drysdale Gold Mine, Mount Drysdale.

Maddison, Robt., Maddison & Co.'s Colliery, Wallsend.

Maddox, Henry Rees, Folly Colliery, Lidsdale.

Mallett, Charles, The Great Southern Amalgamated Gold Mine, Cobar.

Mallett, Wm. H., The Great Northern Gold Mining Co., N.L., Cobar.

Martin, E., Ironclad Claim, Junction Point, via Bindo.

Martyn, H. West Sunlight Reef Co., Metz.

Marshall, Alec. W., Stuart Town Gold Mine, Stuart Town.

Masey, E., The Wallah Wallah Silver and Lead Mine, Rye Park.

Mason, Sam, Boomerang.

Mason, W. G., Homeward Bound Gold Mining Co., Yalwal.

Mayne, S. Broken Hill South Silver Mining Co., N.L.

Maxwell, S., Eureka Gold Mine, Wolumla.

Maxwell, Samuel, Eureka Gold mine (Brady and White's), Wolumla.

McBryde, D. E., North Brighton, Melbourne. Broken Hill Proprietary Block
10 Co. Ltd

McDonald, J., Mountaineer Gold Mine, Rawden Vale.

McDonald, J. A., M'Donald's Reward Claim, Wolumla.

McElvogue, Hugh, the White Reef Gold Mine, West Wyalong.

McGeachie, Coal Cliff Colliery, Clifton.

McGillivray, A., Great Britain Tin Mining Co., Ltd.

McGregor, Mount Pleasant, Coolac.

McLeod, J., Brimbramalla Prospecting Claim, Nelligen.

McVicar, Donald, Red Flag Gold Mine, Burraga.

Millington, J. A., The Smelting Co. of Australia, Ltd., Lewis Ponds.

Mills, Thos., Holman's Lucky Hill Gold Mining Co., Ltd, Mandurama.

Mitchell, E, Brown's Paddock Gold Mines, Ltd., Blayney.

Molineaux, A. W., The Union Gold Mine, Adelong.

Moore, Mr., Hillman's Tank Mine, Nymagee.

Morrissey, P., Golconda Gold Mine, Tindury, Cobar.

Mosley, D., Prince George Gold Mine, Gundagai.

Murphy, E. P., White Cliffs Opal Mine, Wilcannia.

Myring, William E, Blue Jacket Gold Mine, Canowindra.

Neilson, J. J., The Pacific Colliery, Teralba.

Newman, H. W., The Wentworth Extension Gold Mine, Lucknow.

Nicholas, H. C. R., Star Mine, Gulgong.

Nielsen, James, Overflow Silver Mining Co., N. L., Bobadah.

O'Gorman, J. F., Cobar Gold Mines, Ltd., Cobar.

Ord, W. C., Falkner's Gold Mine Co., Pipe Clay Creek, Pambula.

Ordgers, Robert, Excelsior Gold Mine, Nundle.

Orington, W., Stewart's Gold Mine, Forest Reef, Slattery's Creek Gold Mine.

Orme, Joseph, M.E., Lady Burdett Coutts Gold Mine, Boney's Rocks.

Orme, Joseph, Rainbow and Mountain Maid Extension Gold Mining Co., N.L., Copeland.

Otto, Philip, Elkin Extended Gold Mine, Back Creek, Crudine.

Palmer, J. E., Inverell Diamond Fields, Ltd., Bingara.

Pattinson, James, Kiandra Gold Mines, Kiandra.

Parry, W., Aurora Gold Mine, Bonang.

Parsons, Frederick, Tumbarumba Flat Sluicing Co., N.L.

Paul, Arthur, Broken Hill Bonanza Silver Mining Co., N.L. North Broken Hill Silver Mining Co., N.L.

Perry, W. J., Parkes Gold Mining and Quartz Crushing Co., N.L.

Phillips, Joel, Broken Hill Junction North Mining Co., Ltd. Broken Hill Junction Silver Mining Co., Ltd.

Phillips, Samuel, The Kurrajong Gold Mining Co., Ltd.

Pomroy, William Osborne, The Golconda Gold Mine, Parkes.

Porter, H. M., Baker's Creek No. 1 Extended and Golden Gate Gold Mines.

Read, Joseph, The Mount Apsley Copper Mining Co., Bathurst.

Redgrave, John Wellesley, The Bombo Gold Mining Co., N.L.

Reickmann, A., Charcoal Gold Mine, Kiandra. Talbinga Copper Mine, Kiandra.

Reidy, M., Her Dream Gold Mine, Gilgunnia.

Reilly, Joseph, Mount Allen Gold Mine, Mount Hope.

Richardson, Thomas, The Briar Park Gold Mining Co., N.L.

Rivers, G. T., The Lady Jersey Gold Mine, Drake.

Roberts, W. A, Turn-of-the-Tide Gold Mine, Gundagai.

Robertson. D. A. W., Metropolitan Colliery, Helensburgh.

Robinson, Wm, Advance Orara Gold Mine, Coramba.

Robyn, John, Giandarra Gold Mine, Kiandra.

Rose, Thomas, Routine Flush Gold Mine, Swamp Oak.

Ross, Norman, Great Central Gold Mine, Yalgogrin.

Ross, John, The Golden Lily Gold Mine.

Rowe, John, Quigley's Hill Copper Mine, Blayney.

Rowe, Thos. R. (Manager), Maryfield Copper Mine. Everton Silver Mine. Redhill Gold Mine, Rye Park,

Russell, Geo., Oakey Park Colliery, Lithgow.

Salmon, John, Rose Valley Deep Lead Tin Mine, Emmaville.

Sands, H. G., Star of Cooma Gold Mine, Cowra Creek.

Scanlon, Patrick, senr., Scanlon's Colliery, Maitland.

Scott, Wm., Battery Proprietor, Stuart Town.

Smith, George (general manager), New Australian Broken Hill Consols, Ltd.

Smith, G., Phœnix Gold Mine, Armidale.

Smith, Leonard, Newbridge Gold Mining Co., N.L., Newbridge,

Smith, Thomas V., Harry Smith Gold Mine, Grong Grong.

Sneddon, William, Northern Extended Colliery, Wallsend.

Spooner, John, Esk Bank Colliery, Lithgow, Esk Bank Iron Works.

Sterling, Jas, The Tarrawingee Flux and Tramway Co., Ltd., via Broken Hill.

Stevenson, James, Granbalang No. 2 Pit, Rix's Creek, Singleton.

Stone, G. D., Star of the West Gold Mine, Newbridge.

Sutherland, Geo. Mount Durward Mine, Cargo.

Suttler, John, Oakvale Colliery, Singleton.

Tate, Henry, Sunlight Gold Mine, Metz.

Tenant, J. W., Golden Dyke Gold Mine, Tuena. Tuena Freehold Gold Mine.

Thomas, Azariah, East Greta Coal Mine, West Maitland.

Thomas, Fred. S. Elsmore Valley Tin Mining Co., N.L.

Thomas, Richard (Manager,) Duckenfield, Brown's, and Merthy's Collieries.

Thomas, Wm., Lachlan Gold Field, Ltd, Forbes.

Thorburn, R. T., The Pioneer Gold Mining Co., Yalwal.

Trewenack, W. H., Lake George Gold Mines, Captain's Flat.

Trezise, R. H., The Diamond Jubilee Mining Co., N. L., Silverton.

Ubrien H., Pambula Mines Co,, Pambula.

Vipond, N., The Nymagee Copper Mine, Nymagee.

Vosper, William, Lady Brassy and Outward Bound Gold Mining Co., Broken Hill.

Wall, Ignatius, Capertee Shale and Oil Mining Co., Ltd.

Wallett, Wm. H., The Great Northern Gold Mining Co., N. L., Cobar.

Walker, J. A, Barmedman Cyanide and Milling Co., N. L.

Warn, John, New Bushman's Hill Gold Mine, Parkes.

Warn, John, Bushman's Mine and Bushman's East, Parkes.

Warner, H., Wythe's and Mooney's Gold Mine, Peak Hill.

Warren, John, Broken Hill Proprietary (Block 10) Co. Ltd.

Weir, Joseph, Bluey Gold Mine Co.

Westland, A., Cornish Copper Co., Ltd.

Wiederschn, Henry, The Mount David Gold Mine, Rockley.

Williams, C. H., The Cowra Creek Gold Mine, Cowra Creek.

Williams, G., Lady Mary Gold Mine, Barraba.

Williams, John, Mount Drysdale Gold Mine, Cobar.

Wilson, John, Zig-Zag Colliery, Lithgow.

Wingate, G., Australian Diamond Mines Proprietary Co., N.L., Bingara.

Wooderson, James, Pride of the Brook Gold Mine, Stuart Brook.

Wragg, Robt., South Clifton Colliery, South Clifton.

Wright, W. J., Booth's United Gold Mines, N.L, Coolac.

Yates, Fred W., North Gibraltar Gold Mine Co., N L.

Young, John, Golden Fleece Gold Mine, West Wyalong.



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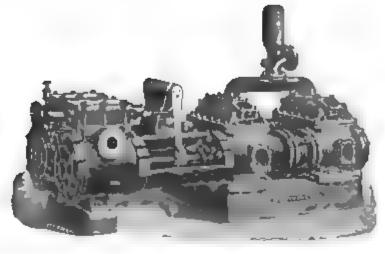
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Mines Too Late for Classification.

BROKEN HILL SOUTH CENTRAL SILVER MINING CO., N.L.

Registered Office: Morialta Chambers, Victoria-square, Adelaide.

Name of Mine: Broken Hill South Central, including M. L. 22, 23, 52, 92, 98.

Registered: January, 1897.

Capital: £50,000 in 100,000 shares of 10s. each.

Issued: 100,000.

Called up: 5s. 2d. per share.

Dividends: Nil.

Directors: J. F. Sabnie (Chairman), J. J. Bradley, and J. P. Laudvoght, Adelaide; J. Dunstan and E. Edwards, Broken Hill.

Legal Manager: F. B. Keogh.

Mine Manager: C. Frank Valentine.

Development: Main shaft (on M. L. 93) sunk 148ft. No development work done yet. Shaft on the M.L. 52 on eastern lode about 200ft. deep, and crosscut west. Prospecting shaft on western portion of 52, 110ft. deep with crosscut east; about 40ft. stopped owing to heavy influx of water.

Area: 200 acres.

Postal and Telegraphic Address of Mine: 10 Wendt Chambers, Broken Hill.

THE CORAMBA KING MINE AND THE EVENING STAR MINE Coramba.

Proprietor: Alfred Cadell, Coramba.

Manager: Alfred Cadell.

Mine Manager: Alfred Cadell.

Development: Several tunnels, shafts, and other workings. Road made by proprietor to Coramba King Mine, say 1½ mile ready for tramline. Road to Evening Star Mine also. Battery 10-head with 14 H.P. engine. Automatic feeders, Berdan pan, etc., etc., on Orara River, about midway between the two mines.

Yields: This is a private investment, and the returns have not been made public, but the results have justified the opening up of the properties systematically, and have been satisfactory.

Area: Gold-mining leases.

Postal and Telegraphic Address: Coramba.

The properties are for sale if the owner can obtain what he considers fair value for his outlay on them. The mines are respectively one mile west and one mile east of Coramba township. Any bona fide buyer may inspect records of crushings in his books.

[The Coramba King Battery, with 10 head of stamps, 14 H.P. engine, automatic feeders, etc., is also owned by the proprietor of this mine].

MOBBS' UNDAUNTED MINE, Carlingford.

Proprietors: J. Augustus Mobbs, Carlingford; G. H. Mobbs, Parramatta; M. J. Savage, Hornsby.

Manager: J. Augustus Mobbs.

Development: Four shafts, one depth 70ft., payable gold; one 40ft. payable, one 37ft. payable, one 37ft. payable, one 36ft. payable: five head battery.

Area: 11 acres.

Mining District of Burrowa.

Postal and Telegraphic Address: Frogmoor.

This property consists of two distinct lodes running parallel, distance 30 yards apart, average width of lode 2ft. Lode consists of ferruginous quartz; formation, slate.

MOUNT KIMO GOLD MINES COMPANY, LIMITED. Gundagai.

The formation of the above Company with a capital of £160,000, was announced by cable on the 10th December. See page 164.

THE DARTMOOR MINING CO., N.L. Middle Flat, Cooma.

As far as we can ascertain this Company has not been floated.

LAKE GEORGE PROPRIETARY CO., N.L.

CAPTAIN'S FLAT DIVISION.

Registered Office: 131 Pitt-street, Sydney.

Mine: Lake George Proprietary Mine.

Registered: 6th May, 1897.

Nominal Capital: £2,400 in 48,000 shares of 1s. each; all paid up.

Directors: Hon. Henry Copeland (Chairman), Austin Chapman, John Perry,

Parliament House, Sydney; John See, Sussex-street, Sydney.

Legal Manager: Leonard Dodds.

Mine Manager: James Russell.

Development: Since formation the Company have been sinking 2 shafts; one to cut the Copper Creek Lode (worked by Lake George Mines) at South end of the property, and one on North end of property on a likely looking silver lead lode.

Postal and Telegraphic Address of Mine: Captain's Flat.



Alphabetical List of Mines.



Adams & Party, Cudgebegong, via Gulgong	•••	see page	19'
Adams & Party, Garangula	• • •	"	11'
Adams, W. L. & Party (South Standard Mine), Stewart's B	rook	"	26
Adams Bros. (Manley's Reef Mine), Garangula	•••	**	165
Adams (senr.), Raymond Terrace	•••	> >	109
Adams & Party, Windeyer	•••	"	197
Adam's Reef (Adam's Syndicate), Stewart's Brook	•••	"	234
Adelaide Claim, Yalgogrin	• • •	"	117
Adelaide Claim, West Wyalong	•••	77	117
Adeline Gold Mining Co., Drake	•••	>>	22 1
Adelong Proprietary Gold Mining Company, Limited, Ade	long))	290
Advance Orara Tribute Gold Mining Co., Upper Coramba		"	62
Ahern & Sons, Dry Creek, via Moonan Brook	• • •	"	289
Albury Alluvial Mining Co., Black Range	• • •	27	295
Aladdin's Lamp Gold Mining Company, Limited, Lucknow	w	"	12
Aladdin's Reward Emerald Leases (N. Borchardt & Par	rty),		
Emmaville	•••	,,	221
Allen & Cassidy, Hargraves	•••	"	197
Allen & Party (Caledonian Claim), Wyalong	•••	"	127
All Nations Claim, Mt. McDonald	•••	"	20
All Nations Gold Mine (Hynes & Party), Drake	•••	"	221
All Nations Gold Mining Co., Wyalong	•••	"	117
Allsop, Lightband & Party, Garangula	•••	,,	118
Amana (Wentworth) Gold Mining Co., Limited, Lucknow	, •••	"	20

American Reef Mine (J. E. Evans), Boney's Rocks	•••	•••	,•	20
Amos Robert (Union Mine), Adelong	•••	•••	,,	320
Anaconda Mine (Gold, Silver, & Copper), Condoboli	n	•••	"	118
Annandale Copper Mine, Blayney	•••	• • •	"	21
Anderson & Sons (No Mistake Mine), Hill End	•••	•••	"	279
Ancient Britain Claim, (Keys & Party) Pambula	•••	•••	77	825
Anglo-Australian Exploration Co., Ltd., Post Office	Chamb	ers,		
Pitt St., Sydney	•••	•••	"	443
Anlezark & Party, Slippery Creek, Lithgow	•••	•••	,,	21
Ante-up Claim (Dunn and party), West Wyalong	•••	•••	"	118
Appleyard, J. A., Royal Mint, Gulgong	•••	•••))	212
Araluen Gold Sluicing Co., Araluen	•••	•••	"	825
Armstrong & Party (No. 13 Claim), Platina	•••	•••))	118
Ashwood & Party (Pioneer Gold Mine), Drake	•••	•••	,,	227
Ashburnham Gold Mining Co., N. L., Manildra	•••	•••	"	21
Ashton Gold Mining Co., Limited, Dark Corner, Sun	ny Cor	ner	"	22
Atkins & Party (No. 1, S. of Perry's), Wyalong	•••	•••	**	117
Aurora Mine (Parry and party), Bonang	•••	• • •	,,	325
Australian Borodaile Plumbago Mine (D. G. Smith)	, Wilso	on's		
Downfall, Tenterfield	• • •	•••	,,	221
Austral De Beers Diamond Mine Co., Bingara	• • •	•••	,,	405
Australian Diamond Mines Proprietary Co., N. L., B	ingara	•••	, ,	405
Australian Mining & Investment Co, 14 Castlereagh	h St., S	Bydney	"	274
Australian Mining & Investment Co., 14 Castlereagh			>>	448
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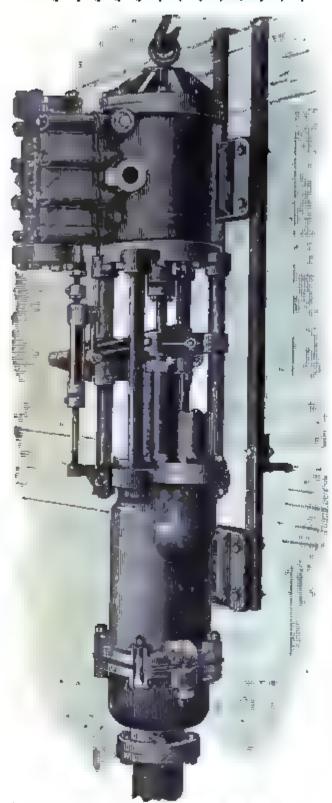
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Mining Patents.

LIST OF PATENTS RELATING TO THE WORKING OF MINES, TREATMENT OF ORES, &c., IN FORCE IN NEW SOUTH WALES, SPECIALLY
COMPILED AND CLASSIFIED ACCORDING TO THEIR TITLES, BY
FRED WALSH, MANAGER OF EDWARD WATERS' INTERNATIONAL
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SYDNEY.*



PULYERISING, CRUSHING, DISINTEGRATING, &c.

- L.R. No. 1,351. 4th January, 1884. Frederic Augustus Luckenbach, United States.—Improvements in the mode of, and machine for pulverizing ores and other substances.
- L.R. No. 1,562. 18th January, 1885. William Henry Harrison and Alexander Gray, New South Wales.—The vortex pulveriser.
- L.R. No. 1,567. 20th January, 1885. James Nicholas, Great Britain.— Improvements in machinery, or apparatus for pulverising sand, ores, metals, and other substances.
- L.R. No. 1,581. 24th February, 1885. Theodore Augustus Blake, United States.—Improvements in machines for crushing stone and similar materials.
- L.R. No. 1,673. 27th August, 1885. Jacob Charles Wiswell, United States.—Improvements in apparatus for crushing and treating ores.

^{*}Note.—Each Patent is in force for fourteen years from the date given.

- L.R. No. 1,747. 11th December, 1885. William J. Tusten, United States.

 —Improvements in ore pulverising mills.
- L.R. No. 1,799. 6th April, 1886. Paulo Marcolino, New South Wales.—
 Stamper box and casing of the Marcolino invention quartz crushing machine.
- L.R. No. 1,834. 29th May, 1886. Gideon Frisbec, United States.—
 Improvements in machines for pulverizing ores, seeds, grains, and other substances.
- L.B. No. 1,844. 1st June, 1886. Joel B. Low, United States.—An improved ore crusher and pulverizer.
- L.R. No. 1,884. 29th July, 1886. James Cox, Victoria.—General crushing machine.
- L.R. No. 1,888. 29th July, 1886. William Henry Nash, New South Wales.—Improvements in stamper crushing machines.
- L.R. No. 2,012. 8th February, 1887. Frank Atwood Huntington, United States. Improvements in crushing mills.
- No. 89. 9th August, 1887. Charles McQueen, Dunedin, New Zealand.—An improved crushing machine, principally applicable for crushing quartz, ores, cement, and road metals.
- No. 93. 9th August, 1887. James Barrie, Townsville, Queensland, and John Baptist Louis Isambert, Brisbane, Queensland.—Direct action high-pressure and condensing stamper battery.
- No. 267. 15th Oct. 1887. Benjamin Thomas Lacy, San Francisco, United States.—Improvements in crushing rolls.
- No. 359. 28th Nov. 1887. Arthur Hope, South Melbourne, Victoria.— Improvements in stone-breaking machines.
- No. 519. 1st March, 1888. Benjamin Thomas Lacy, San Francisco, California, United States, and Sydney, New South Wales, assignee of Miles B. Dodge.—Improvement in stone-breaking machine.
- No. 564. 23rd March, 1888. Edward Thomson, Ballarat, Victoria.—An improved wiper for quartz crushing.

- No. 597. 9th April, 1888. Joshua Hendy, 29 Haight-street, San Francisco, California, United States.—Improvements in ore feeders for stamp mills.
- No. 626. 18th April, 1888. Friedrich Otto Lindheimer, Frankfork-on-the-Maine, Prussia, Germany.—Improvement in mills for crushing, grinding, or comminuting ores, grain, or other produce or material.
- No. 639. 23rd April, 1888. William Henry Harrison, Sydney, New South Wales.—Ore crusher and pulveriser.
- No. 698. 31st May, 1888. William Arthur Hills, Sydney, New South Wales.—Improvements in centrifugal grinding, pulverising, and separating machines.
- No. 738. 23rd June, 1888. Lyman Curtis Parke and Benjamin Thomas Lacy, San Francisco, United States, assignees of Miles B. Dodge.—
 Improvements in rock breaking machines and in crushing and pulverising machines.
- No. 767. 9th July, 1888. Waldemar Jenisch and Hermann Löhnert, Bromberg, Germany.—Improvements in mills for crushing, pulverising, grinding, or reducing.
- No. 784. 18th July, 1888. Henry Dun Wiman, 87 Chancery-lane, Melbourne, Victoria.—Improvements in machines for reducing ores, &c.
- No. 827. 2nd Aug, 1888. John Milton Bryan, San Francisco, California, United States.—Improvements in quartz roller mills.
- No-830. 2nd Aug., 1888. Pierre Cheaseman Du Bois, Sydney, New South Wales.—Improvements in stone-breaking machines.
- No. 880. 20th Aug., 1888. Richard Morris, Beechfield, Doncaster, York, England, and James Wood, West Stockwith, Nottingham, England.—Improvements in mills for grinding or reducing quartz and other materials.
- No. 951. 22nd Sept., 1888. The Barrier Mining Dry Process Ore Crushing and Dressing Company, Limited, Grenfell-street, Adelaide, South Australia, assignees of William Henry Richardson, John White, and David Hutton.—Improvements in the crushing and dressing of ore by dry process, and in appliances therefor.

- No. 973. 1st Oct., 1888. William Henry Thompson, Kent, England, Herbert Edgell Hunt, and Charles William Kitto, Middlesex, England.—
 Improvements in machinery or apparatus for grinding, pulverising, and separating animal, vegetable, and mineral substances.
- No. 1008. 17th Oct., 1888. William Cottle, Sydney, New South Wales.—
 Improvements in and relating to direct-acting stamp batteries operated
 by steam pressure.
- No. 1045. 31st Oct., 1888. Henry Nicholas Harvey, Hayle, Cornwall, England.—Improvements in stampers for reducing metalliferous ores or other like substances to a finely divided state.
- No. 1115. 10th Dec., 1888. Andrew Lamberton, Sunnyside Engine Works, Coatbridge, Lanark, Scotland.—Improvements in machinery or apparatus for grinding or pulverising substances.
- No. 1348. 8th April, 1889. Martin P. Boss, San Francisco, California, United States.—Improvements in stamp-batteries.
- No. 1540. 12th July, 1889. Henry Rowley, Melbourne, Victoria, and Charles Cameron Forster, Stawell, Victoria.—An improved grinding machine.
- No. 1731. 28th Sept., 1889. Joseph Behm, 538 South First-street, San Jose, Santa Clara, California, United States; and James Jerome Smith, 187 Hunter-street, Stockton, San Joaquin, California, United States.—Improvements in crushers and pulverisers.
- No. 1771. 17th Oct., 1889. John Sands, Harris-street, Pyrmont, Sydney, New South Wales. Improvements in ore pulverisers or reducers.
- No. 1801. 31st Oct., 1889 Thomas Rowland Jordan, London, England.—An improved apparatus for crushing or pulverising ores and other substances.
- No. 1902. 9th Dec., 1889. George Ashcroft, 139 Pitt-street, Sydney, New South Wales.—Improvements in machinery for crushing minerals and in separating metals from the same.
- No. 2021. 15th Feb., 1890. Henry Shaw Smith, Pitt-street, Sydney, New South Wales.—Improvements in grinding pans.

- No. 2036. 20th February, 1890. Lloyd Alonzo Kimball, Sydney New South Wales—Improvements in adjustable gears for crushing rolls and for other purposes.
- No. 2040. 22nd February, 1890. James Piercy, Mitta Mitta, New South Wales.—An improving pulverising machine.
- No. 2176. 6th May, 1890. George Massey, Post Office Chambers, Pitt-street, Sydney, New South Wales.—Improvements in grinding pans.
- No. 2716. 2nd January, 1891. William Henry Coward, Newark House, Railway Place, Bath, England.—Improvements in mills for crushing or pulverising ores and other substances.
- No. 3270. 18th September, 1891. Ryerson Dudley Gates, Chicago, Illinois, United States.—Improvements in the construction of stone crushers and pulverisers.
- No. 3432. 26th November, 1891. The Parke and Lacy Company, San Francisco, California, United States, and Sydney New South Wales, assignees of Frank Atwood Huntington,—Improvements in crushing mills.
- No. 3461. 19th December, 1891. William Rayner, Croydon, New South Wales.—Improvements in grinding pans for crushing and grinding any material required to be ground for any purpose, but in particular for brick-making purposes.
- No. 3488. 23rd December, 1891. William Henry Baxter, Leeds, York, England.—Improvements in machinery for breaking and crushing stones, ores, and other materials, and in screening, elevating, and conveying the same.
- No. 3641. 11th March, 1892. The Parke and Lacy Company, San Francisco, California, United States, and Sydney, New South Wales, assignees of Frank Atwood Huntington,—Improvements in crushing mills.
- No. 3669. 21st March, 1882. George Walter Blanks and Bernard Lefe-bure, Mitchell-street, Glebe, New South Wales,—Improvements in crushing gear adapted for crushing shale, stone, quartz, coal, and other analogous materials.

- No. 8684. 2nd April, 1892. Charles Raleigh, Johannesburg, South African Republic.—Improvements in screens or sieves for use in stamp batteries, and otherwise for the separation of era. and other substances.
- No. 3693. 8th April, 1792. Raleigh, Johannesburg, South African Republic.—Improvements in or applicable to stamp batteries
- No. 3766. 23rd May, 1892. The Central Cyclone Company, Limited, London, England, assignees of Sidney Straker,—Improvements in and relating to apparatus for pulverising or distintegrating grain and other dry substances, and in the means for lubricating the same.
- No. 3801. 8th June, 1892. Joseph William Johns, Alexandria, New South Wales.—An improved mill for grinding spice, bones, bark, and other like substances.
- No. 3870. 20th July, 1892. John Walter Grindred and Richard Truste Carter, 110 and 112 Victoria-street, Carlton, Victoria.—Improvements in machinery for crushing and pulverising ores and other materials.
- No. 4258. 3rd February 1893. James A. Chambers, Sydney, New South Wales.—Improvements in apparatus for grinding, crushing, pulverising, or disintegrating.
- No. 4522. 20th July, 1893. Emma Matilda Shill, 84 East Dulwich, County of Surrey, England.—Improvements in or connected with crushing or grinding mills more especially intended for grinding or reducing ores containing precious metals and for separating metals therefrom by amalgamation.
- No. 4642. 25th September, 1898. Robert M'Cully, 1415 North 19th-street, city and county of Philadelphia, state of Pennsylvania, U.S.A.—Improvements in crushing machines.
- No. 4788. 20th November, 1893. Edward Waters, 181 William-street, Melbourne, Victoria.—An improved machine or apparatus for pulverising or reducing gold bearing quartz or ores, or other hard substances.
- No. 4785 15th December, 1893. Edward Josiah Tobin, 254 George-street, Sydney, and James William Ashcroft, "Shakespere," Ebley-street, Waverley, near Sydney, New South Wales.—An improved crushing and grinding mill, and gold saving apparatus.

- No. 4950. 31st March, 1894. William Henry Harrison, Nowranie-street, Summer Hill, and Charles Wynford Horneman, Orwell-street, Potts Point, both near Sydney, New South Wales.—An improved pulveriser.
- No. 5054. 21st May, 1894. John M'Kay, 48 Shiels-street, Newmarket, near Melbourne, and John Corlett Teare, 61 and 69 A'Beckett-street, Melbourne, Victoria.—An improved wiper or lifter cam for stamper batteries.
- No. 5098. 8th June, 1894. James Dick, Summer Hill, New South Wales.—
 An improved stamper battery for quartz-crushing.
- No. 5299. 4th September, 1894. The Gates Iron Works, a corporation existing under and by virtue of the laws of the state of Illinois, United States, America, having its principal office or place of business located at 50 South Clinton-street, in the city of Chicago, county of Cook, state of Illinois, United States, America.—Improvement in stone crushers.
- No. 5800. 4th September, 1894. Gustaf Frederick Phillipp Lenz and William Paynter, Gawler, South Australia.—An improved crusher and pulveriser.
- No. 5388. 19th September, 1894. Gates Iron Works, a corporation organized and existing under and by virtue of the laws of the state of Illinois, United States, America, and having its principal place of business at No. 50 Clinton-street, Chicago, Cook County, state of Illinois, United States, America.—An improved machine for breaking or crushing stone, ore and other hard substances.
- No. 5839. 19th September, 1894. Gates Iron Works, a corporation organized and existing under and by virtue of the laws of the state of Illinois, United States, America, and having its principal place of business at No. 50 South Clifton-street, Chicago, Cook County, state of Illinois, United States, America.—An improved machine for breaking or crushing stone, ore and other hard substances.
- No. 5857. 27th September, 1894. The Gates Iron Works, a corporation existing under and by virtue of the laws of the state of Illinois, United States, America, having its principal office or place of business located at 50 South Clinton-street, in the city of Chicago, county of Cook, state of Illinois, United States, America.—Improvements in rock and ore breakers.

- No. 5486. 1st December, 1894. Richard Durrant Langley, Brighton, South Australia.—An improved rotary grinding and pulverizing machine.
- No. 5519. 21st December, 1894. The Gates Iron Works, a corporation existing under and by virtue of the laws of the state of Illinois, United States, America, and having its principal offices or place of business located at 50 South Clinton-street, Chicago, county of Cook, state of Illinois, United States, America.—Improvement in stone crushers.
- No. 5688. 19th March, 1895. George Edwin Richardson, Thebarton, South Australia. "Improvements in direct-action steam stamp batteries."
- No. 5695. 23rd March, 1895. William Hinrichs, City and County of Milwaukee, State of Wisconsin, U.S.A. (assignee of Frederick Allen Wheeler).—Improvements in machines for crushing, pulverising, and mixing minerals, seeds, and other substances.
- No. 5718. 8th April, 1895. Walter Ephraim Downs, Sutter Creek, County of Amador, State of California, U.S.A.—Improvements in machines for pulverising ores and other like substances.
- No. 5777. 7th May, 1895. Alfred George Saunders, Adelaide, South Australia.—Improvements in or relating to stamper batteries for the disintegration of metalliferous ores and the like.
- No. 5883. 1st July, 1895. Newton John Suckling, Pretoria, South African Republic—Improvements in or relating to stamp batteries.
- No. 6014. 28th August, 1895. Denis Embleton and Gilbert Glossop, Leeds, York, England.—Improvements in pneumatic stamps for crushing ores and other material.
- No. 6145. 23rd October, 1895. Orrin Burton Peck, Chicago, Illinois, U.S.A.—Improvements in centrifugal separators.
- No. 6157. 28th October, 1895. John Robinson, Coromandel, Auckland N.Z.—An improved quartz-crushing machine.
- No. 6291. 20th December, 1895. Robert Stanton Dixon, Sydney, N.S.W. —An improved machine for disintegrating gold bearing material and saving the free gold therein contained.

- No. 6302. 24th Dec., 1885. Edward Waters, 131 William-street, Melbourne, Victoria.—An improved machine for breaking or crushing ore, rock, and the like.
- 17th Feb., 1896. Ammi Vining Young, Koln, Germany.—Im-No. 6400. provements in pulverising mills.
- No. 6408. 21st Feb., 1896. John Roger Denver, Colorado, U.S.A.—Improvements in ore crushing machinery.
- No. 6563. 15th May, 1896. Thomas Parker, Toronto, Ontario, Canada.— Improvements in pulverisers.
- No. 6617. 4th June, 1896. Nicholas Price Carver, Woollahra, near Sydney, N.S.W.—Improvements in stone or ore crushing and screening, and in some cases amalgamating machinery.
- 13th June, 1896. Rees Rees, Crose-street, Kapunda, S.A.—An No. 6636. improved buffing appliance for stamper batteries.
- No. 6681. 30th June, 1896. Kinkead Mill Company, San Francisco, U.S.A, (assignees of James Henry Kinkead).—Rock crushing and grinding apparatus.
- No. 6700. 7th July, 1896. Alfred Jordan, London, England.—An improved apparatus for reducing or disintegrating hard substances.
- No. 6827. 21st Aug., 1896. Adolf Gutensohn, Middlesex, England.—An improved process and means used therein for the disintegration of quartz and similar minerals.
- No. 6959. 9th Oct., 1896. Charles Dunford Jenkins, Massachusetts, U.S.A.—Improvements in apparatus for crushing or pulverising ores and other substances.
- 16th October, 1896. Donald Barnes Morison, Durham, **6969.** No. England.—Improvements in stamping apparatus for crushing ores and other analogous stamping purposes.
- No. 7081. 26th November, 1896. Alexander Woodroffe Goyder, Hillgrove, South Wales.—Improvements in discharge shoots, especially adapted for feeding ore to stamp batteries.

- No. 7166. 31st December, 1896. Denis Embleton, York, England.— Improvements in pneumatic stamps for crushing ores.
- No. 7187. 13th Jannary, 1897. George Hardacre, Grafton, New South Wales.—Crushing bar-box.
- No. 7228. 27th January, 1897. Robert Cockerell, Dunedin, New Zealand.—An improved rotary ratchet stamper guide.
- No. 7407. 20th April, 1897. Marinus Weber, of Adelaide, South Australia. An improved stamper battery for pulverising ore in a dry state.
- No. 7511. 1st June, 1897. Edwin Mayhew Brissenden and John Stoneman Lane, both of Sydney, N.S.W. (assignees of Edwin Torrens Brissenden).—Rotary pulverising machine.

AMALGAMATING.—PROCESSES AND APPARATUS.

- L.R. No. 1461. 15th July, 1884. William Edward Barry, New South Wales.—An improvement in amalgamators.
- L.R. No. 1468. 29th July, 1884. Henry Moon, Great Britain.—Improvements in amalgamating machines.
- L.R. No. 1540. 13th December, 1884. Adam Miller, Great Britain.—
 Amalgamating apparatus.
- L.R. No. 1564, 12th January, 1885. John Alves, New Zealand.—Improvements in machinery for concentrating and amalgamating.
- L.R. No. 1804. 10th April, 1886. James B. Hannay, Scotland.—Inprovements in amalgamating gold, and apparatus therefor.
- L.R. No. 1847. 1st June, 1886. John Henry Rowland, New South Wales.—The Excelsior gold amalgamator.
- L.R. No. 1886. 29th July, 1886. Thomas William Watson and Thomas Denny, Victoria.—Improvements in combined grinding, classifying and amalgamating machines.

- L.R. No. 1900. 14th August, 1886. Bernard Charles Molloy, Great Britain.—Improvements in apparatus for amalgamating gold and other precious metals.
- LR. No. 1949. 14th October, 1886. John Rossiter, New South Wales.—
 Improved stamping and concentrating and amalgamating machine
 specially applicable for prospecting purposes
- L.R. No. 1982. 22nd December, 1886. James R. M'Neill, Victoria.—
 Improvements in amalgamating pans and other gold-saving machines.
- L.R. No. 2187. 80th July, 1887. William White, United States.—An improvement in contribugal amalgamators.
- No. 299. 29th October, 1887. James Barrie, Townsville, Queensland, and John Baptist Louis Isambert, Brisbane, Queensland.—Continuous, grinding, amalgamating, separating and concentrating machine.
- No. 313. 2nd November, 1887. Andrew Christie, A.S.N. Co's Works, Pyrmont, New South Wales.—An improved crushing mill for the pulverisation and amalgamation of minerals.
- No. 351. 22nd November, 1887. John Barnes, Drummoyne Park, Sydney, New South Wales.—Dry quartz crushing machine and amalgamator.
- No. 856. 23rd November, 1887. James Almierian Sperry, New York, United States.—Improvements in amalgamators.
- No. 388. 12th December, 1887. William Roberts, Petersham, New South Wales.—An improved grinding and amalgamating pan.
- No. 458. 24th January, 1888. Martin Prior Boss, 934 Linden-street, Oakland, California, United States.—Improvement in system of panamalgamation.
- No. 558. 19th March, 1888. Phillip Davies, "Rhondda," Glebe Point, Sydney, New South Woles.—Improvements in grinding and amalgamating pans.
- No. 615. 14th April, 1888. Robert Fulton and Edward Rennie Meekison, Melbourne, Victoria.—Improvements in machinery for grinding and amalgamating quartz and other tailings.

- No. 676. 15th May, 1888. Thomas Dobbie, Myer Levinsohn, and Albert Nathan Jonsen, Sydney, New South Wales.—Improved amalgamating and gem and pyrites saving machine.
- No. 684. 22nd May, 1888. John Hedley, Spottiswood, Victoria.—An Improved combine concentrator, grinder, and electro-chemical amalgamator.
- No. 748. 28th June, 1898. Natan Leroy Raber, Corvallis, Benton, Oregon, United States.—An Improved amalgamator for fine gold, silver, and other precious metals.
- No. 806. 26th July, 1888. Thomas Alder Dickson Forster, Noristown, State of Pennsylvania, United States, and George Jordan Firmin, Philadelphia, State of Pennsylvania, United States.—Improvements in apparatus for amalgamating precious metals in crushed or pulverised material containing the same.
- No. 813. 27th July, 1888. Millard Johnson, William Eddington Field, and Joseph Samuel Beeman, St. Kilda, Victoria.—An improved system of amalgamating and extracting gold and silver from ores and minerals.
- No. 974. 31st August, 1888. Joseph Ralph Raeburn Yeats, Adelaide, South Australia.—An improved process for amalgamating gold by volatilised mercury.
- No. 920. 1st September, 1888. William Tarrant, Summer Hill, New South Wales.—Improvements in apparatus for the amalgamation and concentration of metalliferous material.
- No. 946. 18th Sept. 1888. Pierre Cheaseman Du Bois, Sydney, New South Wales.—Improved process and machine for amalgamating finely divided auriferous material.
- No. 1041. 30th Oct., 1888. James Channon, Sydney, New South Wales.—
 An improved amalgamating machine.
- No. 1155. 3rd Jan., 1889. Millard Johnson, William Eddington Field, and Joseph Samuel Beeman, St. Kilda, Victoria.—Improvements in amalgamating process.
- No. 1174. 11th Jan., 1889. Erastus S. Bennett, Denver, Colorado, United States.—An improved separator and amalgamator.

- No. 1213. 30th Jan. 1889. Thomas Dobbie, Sydney, New South Wales.— Improved machinery for saving, amalgamating, and separating gold.
- No. 1470. 8th June, 1889. Edward Waters, 131 William-street, Melbourne, Victoria.—Improved apparatus for the separation, extraction, and amalgamation of metals.
- No. 1556. 22nd July, 1889. Leonidas Koledas and Albert Nicholson, Sydney, New South Wales.—An improved apparatus for separating and amalgamating gold and silver.
- No. 1561. 24th July, 1889. Millard Johnson, William Eddington Field, and Joseph Samuel Beeman, St. Kilda, Victoria.—An impreved method of preventing the sickening of mercury (or in some cases, resuscitating sickened mercury) used in the amalgamation of gold and silver ores and minerals.
- No. 1741. 2nd Oct., 1889. William Roberts, Petersham, New South Wales; and Howard Raymond Belden, Sydney, New South Wales.—
 Improvements in grinding and amalgamating pans.
- No. 1742. 2nd Oct., 1889. William Henry Binsted, Sydney, New South Wales.—An improved method of amalgamating finely-divided auriferous and argentiferous materials and improved apparatus therefor.
- No. 1813. 31st October, 1889. John Thomas Penny, and William Henry Richardson, Adelaide, South Australia.—An improved machine for triturating and amalgamating gold and silver-bearing and other ores.
- No. 1996. 1st February, 1890. Frederick Stahl and John Spring Rew, St. Arnaud, Victoria.—Improvements in apparatus for grinding and amalgamating auriferous and argentiferous material.
- No. 2916. 13th February, 1890. James Piercy, Mitta Mitta, New South Wales.—An improved amalgamator for saving gold.
- No. 2109. 26th March, 1890. Angelo Tornaghi, Hunter's Hill, New South Wales.—A process of pulverising and amalgamating for saving gold and silver.
- No. 2158. 23rd April, 1890. Robert Taylor Coghlan, Sydney, New South Wales.—Improvements in amalgamators, usable also as tin and gem washing machines.

- No. 2163. 26th April, 1890. Reginald Bloxsome, Sydney, New South Wales.—An improved machine for the more thorough and expeditious amalgamation of gold with mercury and silver.
- No. 2297. 30th June, 1890. George Massey, Post Office Chambers, Pitt-street, Sydney, New South Wales.—Improvements in copper-plates for use in gold saving machines.
- No. 2375. 28th July, 1890. Middleton Crawford, 3 Oxford-street, Liverpool, England.—Improvements in grinding apparatus, more especially applicable for use in grinding and amalgamating ores containing gold or silver.
- No. 2429. 18th August, 1890. Joshua Vickery, Armidale, New South Wales.—An improved concentrator, separator, and amalgamator.
- No. 2470. 10th September, 1890. Julio Popper, Buenos Ayres, Argentine Republic —An improved amalgamator.
- No. 2505. 26th September, 1890. John Howell, Broken Hill, New South Wales.—Improvements in grinding and amalgamating pans.
- No. 2599. 11th November, 1890. Bernard Charles Molloy, Middle Temple, London, England.—Improvements in the amalgamation of precious metals, and in the means or apparatus employed therein.
- No. 2605. 11th November, 1890. David Mudie, Elaine, Victoria.—A quartz crushing, amalgamating and gold saving machine.
- No. 2674. 12th December, 1890. Charles Eastman Tripler, 10 East 77th-street, New York, United States.—Improvements in the method of, and apparatus for, amalgamating and separating precious metals from powdered ore or earth.
- No. 2759. 21st January, 1891. George Fraser, senr., Auckland, New Zealand.—Improved grinding and amalgamating mill.
- No. 2761. 22nd January, 1891. William Crookes, 7 Kensington Park Gardens, London, England.—Improvements in amalgamating and extracting gold from refractory and other ores.
- No. 8060. 18th June, 1891. Edward Charlton and Uriah Wright, Peak Hill, New South Wales.—An improved amalgamating pan.

- No. 2974. 8th May, 1891. Hermann Gruson, Madge-burg, Buckau, Germany.—An improved amalgamator.
- No. 8165. 5th August, 1891. Alfred Andrew Lockwood and Albert Nicholson, Sydney, New South Wales.—An improvement in amalgamating processes for the obtainment of gold and silver from metalliferous materials containing same.
- No. 8166. 5th August, 1891. Alfred Andrew Lockwood and Albert Nicholson, Sydney, New South Wales.—An improved amalgamating pan for treating finely divided metalliferous material.
- No. 8167. 5th August, 1891. Alfred Andrew Lockwood and Albert Nicholson, Sydney, New South Wales.—Improvements in certain descriptions of pulverising and amalgamating pans.
- No. 8180. 11th August, 1891. Henry Sheldon Goddard, Uralla, New South Wales.—An improved grinding and amalgamating pan.
- No. 8242. 7th September, 1891. Alfred Miller, Gladstone Creek, Queenton, Queensland.—Improvements in horizontal rotary gold amalgamators.
- No. 3501. 29th December, 1891. John Cameron Fraser, Coromandel, Auckland, New Zealand.—An improved grinding, separating and amalgamating pan.
- No. 3554. 28th January, 1892. Edward Reading and Arthur Rigby, Sydney, New South Wales.—An improved amalgamator and separator for recovering the precious metals from their ores.
- No. 8566. 4th February, 1892. William Walker Fyfe, 41 Hillside Road, Stamford Hill, London, England, N.—Improvements in amalgamating apparatus for crushed ores and like reduced bodies.
- No. 3768 21st May, 1892. Angelo Tornaghi, Enmore, New South Wales.— Improvements in apparatus for concentrating and amalgamating.
- No. 3779. 28th May, 1892. Duncan McMurtrie, Stawell, Victoria.—An improved method of and apparatus for softening amalgam on the copper plates of gold saving appliances.

- No. 3815. 17th June, 1892. The Parke and Lacy Company, San Francisco, California, United States, and Sydney, New South Wales, assignees of Henry Cook.—Improvements in machines for amalgamating discrete auriferous material.
- No 4126. 19th November, 1892. Edward Hughes, Edward Joseph Rigby, and John Sinclair Pirrie, Hanna-street, South Melbourne, Victoria.—
 Improvements in combined rotary ore crushing, pulverizing and amalgamating machines.
- No. 4149. 28th November, 1892. Stephen Wills Vale and William Caird Halliday, Sydney, New South Wales.—Improvements in amalgamating machines, having rotary mullars and stationary pans.
- No. 4153. 29th November, 1892. James Channon, Concord, New South Wales.—An improved amalgamating machine.
- No. 4161. 7th Dec., 1892. John Robinson, Sydney, New South Wales.— Improvements in apparatus for pulverising and amalgamating.
- No. 4203. 30th Dec., 1892. Thomas Robert Linton Austin, Talbot, Victoria.—An improved amalgamator.
- No. 4309. 8th March, 1893. William Teasdale, 14 Evelina-road, Toorak, near Melbourne; James Fulton, Trenery Crescent, Abbotsford, near Melbourne; and James Moore Hickson, Broken Hill Chambers, 31 Queen-street, all in the colony of Victoria.—An improved amalgamating machine.
- No. 4413. 16th May, 1893. Nathan Leroy Raber, Corvallis, Benton, County Oregon, U.S.A.—Improvement in amalgamators.
- No. 4450. 12th June, 1893. Edward Hughes, John Sinclair Pirrie, and Edward Joseph Rigby, all of Hanna-street, South Melbourne, Victoria.—A new or improved combined amalgamator, concentrator, and separator.
- No. 4643. 25th Sept., 1893. Gustavus Cæsar Hortsmann, John Clement Ellison, and John Callaghan, of the Howard Gold Saving Process Company, Limited, Brisbane, Queensland.—Improvements in centrifugal amalgamators.

- No. 4771. 7th December, 1898. John George Gough, Young, N.S.W.—An improved concentrator and amalgamator for gold.
- No. 4778. 12th Dec., 1893. William Henry Harrison, Nowranie-street, Summer Hill, and Charles Wynford Horneman, Orwell-street, Pott's Point, both near Sydney, N.S.W.—An improved form of separator and amalgamator.
- No. 4792. 19th Dec., 1893. Leonidas Koledas, Sydney, N.S.W.—An improved gold separating and amalgamating apparatus.
- No. 4996. 20th April, 1894. Thomas Henry Patching, Strathfield, N.S.W. —Improved apparatus for separating and amalgamating free gold.
- No. 5058. 22nd May, 1894 Ernest Henry Blix, West Maitland, N.S.W. —Improved apparatus for separating free gold from its ores and amalgamating the same.
- No. 5113. 18th June, 1894. Angelo Tornaghi, Sydney, N.S.W.—Improvements in the construction of ore pulverisers, and in the manner of operating the same in combination with amalgamating and concentrating apparatus.
- No. 5194. 19th July, 1894. William Joseph Weeden, Sydney, N.S.W.— Improvements in the construction and method of operating electrical apparatus for the treatment of ores containing gold and other precious metals, and for amalgamating the same.
- No. 5401. 19th October, 1894. Henry Banfield, Argent-street, Broken Hill, N.S.W.—Improvements in crushing or amalgamating mills.
- No. 5508. 14th Dec., 1894. Charles Frederick Pike, 2038 Nicholas-street, City and County of Philadelphia, State of Pennsylvania, U.S.A.—Improvements in and relating to methods of washing, concentrating, and amalgamating ores, and in apparatus therefore.
- No. 5509. 14th Dec., 1894. Seren Petersen, Sydney, N.S.W.—An improved combined amalgamator and concentrator.
- No. 5564. 23rd January, 1895. The Parke and Lacy Company, a duly incorporated Company under and by virtue of the laws of the State of California, one of the United States of America, carrying on business at San Francisco, California aforesaid.—An improved amalgamator.

- No. 5624. 21st February, 1805. John Thomas Penny and William Henry Richardson, Grenfell-street, Adelaide, South Australia.—Improvements in apparatus for triturating and amalgamating auriferous and argentiferous ores.
- No. 5666. 9th March, 1895. James Sutherland, Parkville, Brooklyn, County of King, State of New York, United States, America.—Improvements in ore crushers and amalgamators.
- No. 5790. 14th May, 1895. Charles Wynford Horneman, Brisbane, Queensland.—The hand or power amalgamator, float gold accumulator, and alluvial gold-saving machine.
- No. 6141. 19th October, 1895. Midas Gold Saving Machinery Company, San Francisco, California, United States, America (assignees of Alexander Carson Rumble).—Amalgamator.
- No. 6156. 28th October. 1895. John Robinson, Coromandel, Auckland, New Zealand.—An improved machine for concentrating and amalgamating the precious metals.
- No. 6185. 14th November, 1895. John Vigar Bartlett, Campbelltown, New South Wales.—A new or improved process of and apparatus for amalgamating gold and other metals.
- No. 6201. 21st November, 1895. William Chandos Wall, Sydney, New South Wales.—An amalgamating sluice.
- No. 6203. 21st November, 1895. Emhil Lawrence Oppermann, Finsbury Park, London; Ewald Fischer, Stoke Newington, London; and Carl Tunstill John Oppermann, London, England.—An improved process for effecting the amalgamation of gold and the like metals in ores.
- No. 6455. 16th March, 1896. William Benjamin Walters, Wellington, New Zealand.—An improved amalgamating machine.
- No. 6621. 8th June, 1896. Robert Young, Sydney, New South Wales.—
 An improved dry annalgamator.
- No. 7004. 27th October. 1896. William Benjamin Walters and Frederick Howard Jeffcoat, Wellington, New Zealand.—An improved amalgamator and concentrator for saving. gold

- No. 7282. 22nd February, 1897. Alexander Menesdorffer, Northcote; Robert William Jolly, Fitzroy; and John Wilson, Fitzroy, all of Victoria.—An improved combined amalgamating and concentrating apparatus.
- No. 7284. 23rd February, 1897. Emil Lawrence Oppermann, 27 Martin's-lane, Cannon-street, London, England.—New or approved apparatus and process for amalgamating and extracting gold or other suitable metal from dry crushed ore.
- No. 7453. 7th May, 1897. Henry Spencer Cope, 266 Collins-street, Melbourne, Victoria.—Improved amalgamating apparatus.
- No. 7528. 9th June, 1897. Charles Lancelot Garland, of Sydney, John Murray, Cowra Creek, Sampson Edward Murray, of Cowra Creek, all of N.S.W.—Improvements in centrifugal amalgamators and seperators for finely-divided auriferous and argentiferous materials.
- No. 7606. 13th July, 1897. Edmund Harris Thornburgh Plant and Samuel Dellow, both of Charters Towers, Queensland.—An improved amalgamating pan.

CONCENTRATION AND CLASSIFICATION OF ORES AND THE LIKE.

- L.R. No. 1349. 4th January, 1884. Joseph Carter, New South Wales.— Improvements in machines for concentrating finely-divided auriferous material.
- L.R. No. 1421. 29th April, 1884. Thomas Rowland Jordan and John Needham Longden, Great Britain.—An improved method or process and apparatus for extracting metals from their ores and concentrating heavy materials.
- L.R. No. 1470. 30th July, 1884. Joseph Carter, New South Wales.— Improvements in machines for concentrating finely-divided metalliferous material.

- L.R. No. 1700. 12th October, 1885. Lyman Curtiss Parke and Benjamin Thomas Lacy, United States.—Improvements in concentrators.
- LR. No. 1739. 9th December, 1885. Joshua Hendy, United States Improvements in ore concentrators.
- L.R. No. 1865, 1st July, 1886. G. F. Beardsley, New South Walcs.— Improvements in the extraction of gold and silver bearing pyrites from their containing material, and in apparatus therefor, parts of which are applicable to other purposes.
- L.R. No. 1906. 14th August, 1886. Willis Gorman Dood, United States.

 —Improvements in concentrating machines.
- L.R. No. 2035. 17th March, 1887. Thomas William Watson and Thomas Denny, New South Wales.—Improved concentrator for metalliferous material.
- L.R. No. 2074. 4th May, 1887. Stephen W. Shaw, United States.—Improvements in machines for cencentrating minerals.
- L.R. No. 2100. 30th July, 1887. George Boulton Brown Elliott, Victoria, and Josiah Alexander Lowe, New South Wales.—Improvements in jigging machines.
- No. 382. 9th December, 1887. Richard Nicholas Williams, Cobar, New South Wales, and John James Weston, Sydney, New South Wales.—An improved automatic pulsating jigger.
- No. 653. 1st May, 1888. Edward Stansfield, Sydney, New South Wales.—
 An improved ore concentrator.
- No. 882. 21st August 1888. James Augustus Mitchell and George Augustine Rodda, Sydney, New South Wales.—Improvements in certain descriptions of concentrating machines.
- No. 929. 7th September, 1888. Lyman Curtiss Parke and Benjamin Thomas Lacy, San Francisco, California, United States, assignees of Miles B. Dodge.—Improvements in certain descriptions of concentrating machines.

- No. 930. 7th September, 1888. Lyman Curtiss Parke and Benjamin Thomas Lacy, San Francisco, California, United States, assignees of Miles B. Dodge.—Improvements in certain descriptions of concentrating machines.
- No. 954. 22nd September, 1888. Seymour Henry Holley, Broken Hill, New South Wales.—Improvements in jigging machines.
- No. 1106. 5th December, 1888. Lyman Curtiss Parke and Benjamin Thomas Lacy, San Francisco, California, United States.—Improvements in endless belt shaking tables for concentrating metalliferous material.
- No. 1335. 3rd April, 1889. William Legrand Card, St. Louis, Missouri, United States.—Improvements in dry concentrators for the treatment of ores.
- No. 1415. 14th May, 1889. George Kilgour, Victoria-street, Westminster, England.—A method of sorting minerals or other bodies, and apparatus therefor.
- No. 1434. 21st May, 1889. Elephtheria Barnes, Henry Plowright, Daniel Bernard, and Daniel Bowles Suttie, Sydney, New South Wales.—An improved concentrating machine.
- No. 1492. 24th June, 1889. Richard Arthur Harvey, Sydney, New South Wales.—An improved apparatus for concentrating ores and the like.
- No. 1521. 4th July, 1889. Charles Phillips, Hargreaves-street, Sandhurst, Victoria. An improved method of concentrating and classifying auriferous and other metalliferous materials.
- No. 2283. 24th June; 1890. Robert Young, Rossitterville, near Drake, New South Wales.—An improved machine for dressing ores and clasifying discrete metalliferous material.
- No. 2338. 16th July, 1890. James Liddell, Stuart Town, New South Wales.—Improved concentrating machine.
- No. 2500. 25th September, 1890. Gideon Creel Knapp, Balmain, New South Wales.—Improvement in concentrating machines for the treatment of ores, and in appliances appertaining thereto.

- No. 2540. 18th October, 1890. Charles Evarts Seymour, Hurley, Ashland, Wisconsin, United States.—Ore concentrator.
- No. 2579. 31st October, 1890. George Edwin Woodbury, San Francisco, California, United States of America.—Improvements in the construction of ore concentrating machines.
- No. 2710. 80th December, 1890. The Parke and Lacy Company, San Francisco, California, and Sydney, New South Wales, assignees of Thomas Ralph Garnier,.—Improvements in certain descriptions of ore concentrators.
- No. 2739. 18th January, 1891. Angelo Tornaghi, Hunter's Hill, New South Wales.—Improvements in jigging machines and in the dressing of ores.
- No. 2838. 27th February, 1891. James Ford Pearson, Broken Hill, New South Wales.—Apparatus for concentrating and amalgamating.
- No. 2983. 11th May, 1891. The Gates Iron Works, 50 South Clinton-street, Chicago, Illinois, United States, assignees of William Legrand Card.—Improvements in and relating to concentrators.
- No. 8083. 6th June, 1891. The Gates Iron Works, 50 South Clinton-street, Chicago, Illinois, United States, assignees of Ryerson Dudley Gates.—Improvements in and relating to concentrating apparatus.
- No. 8071. 24th June, 1891. William Tarrant, Petersham, New South Wales, Josephine Constable and William Flood, Balmain, New South Wales.—An improved concentrating machine, usable also as an amalgamator.
- No. 8173. 10th August, 1891. Henry Richard Hancock, Moonta Mines, South Australia.—Improvements in apparatus for jigging ores.
- No. 8190. 15th August, 1891. Henry Le Roy Bridgman, Blue Island, Cook County, Illinois, United States.—Improvements in ore sampling machines.
- No. 3249. 9th September, 1891. Thomas Clarkson, Elm Tree Villa, Battersea, Surrey, England.—An improved machine for classifying or sizing materials.

- No. 3355. 24th October, 1891. John Alves, Vity Bank Chambers, Collins-street, Melbourne, Victoria.—Improvemente in table concentrators for concentrating minerals.
- No. 3437. 30th November, 1891. David Wilson and William Ritchic, Adelong, New South Wales.—An improved concentrating table.
- No. 3522. 12th January, 1892. Andrew Fraser, San Francisco, California, United States Improvements in ore-concentrating machines.
- No. 3543. 21st January, 1892. Wilhelm Julius Bartsch, 82 Lindenan Strasse, Dresden, Saxony, Germany.—Improvements in ore dressing apparatus.
- No. 3893. 9th August, 1892 Charles Phillips and Alfred Ernest Buncle, Flemington, Victoria, and North Melbourne, Victoria.—An improved dry concentrator.
- No. 4127. 21st November, 1892. Gustav Henoch and Edmond Maurice Comte Exlmans, Paris, France.—A process and apparatus for classing pulverised ores by air-currents.
- No. 4455. 14th June, 1893. Henry Edward Kitton, West Melbourne, Victoria.—The "Top Feed" centrifugal good and heavy metal saver and concentrator.
- No. 4477. 22nd June, 1893. Mortimer Stuckey, Adelaide; Henry Arthur, Hindmarsh; and Frederick May, Gawler, all in the Province of South Australia.—An improved apparatus for the concentration or separation of ores.
- No. 4501. 10th July, 1893. Henry Banfield, Argent Street, Broken Hill, New South Wales —Automatic centre feeding circular mill and combination ore-dressing machine.
- No. 4529. 22nd July 1893. Henry John Summerhayes, San Francisco, State of California, United States, America.—Improvements in belts for ore concentrators.
- No. 4551. 7th August, 1893. James Channon, Beaconsfield, Concord, near Sydney, New South Wales.—An improved concentrator, usable preferably as an amalgamator and concentrator.

- No. 4700. 26th October, 1893. Thomas William Clark, 66 Bourke-street, Melbourne, Victoria.—An improved horizontally reciprocating table concentrator, principally for the treatment of auriferous material.
- No. 4724. 10th November, 1893. Thomas Clarkson, Sutton, County of Surrey, England.—Improvements in or relating to the sampling of grain, minerals, liquids, and the like.
- No. 4756. 27th November, 1893. George Simpson Pitcairn, 47 Marketstreet, Melbourne, Victoria.—Improvements in pyramidical boxes for classifying matalliferous materials.
- No. 4806. 28th December, 1893. Arthur George Holroyd, Moray-street; Edward Hughes, John Sinclair Pirrie, and Edward Joseph Rigby, Hanna-street, South Melbourne, Victoria; and Wilhelm Julius Bartsch, Siegen, Wesphalia, Germany.—An improved concentrator and classifier.
- No. 4882. 22nd Februry, 1894. Ernest Edward Nesbit, Adelaide, South Australia.—An improved mode of and apparatus for intercepting the slimes from mineral ores, and saving and concentrating the metal contained in such slimes.
- No 5010. 26th April, 1894. Stephen Lorden and John Vigers Banfield, Fremantle, Western Australia.—A cradle operated dry blowing machine.
- Ne 5049. 16th May, 1894. John Frederick Cooke Farquhar, Church-street, Parramatta, New South Wales.—Improvements in apparatus for saving metals contained in discrete metalliferous materials, and for concentrating and classifying discrete ores and substances.
- No. 5055. 21st May, 1894. William Henry James and Richard Barkla, Zeehan, Tasmania.—An improved vanning table for the treatment of metalliferous ores.
- No. 5060. 22nd May, 1894. George Rogers, Junior, 322 Elizabeth-street, Sydney, New South Wales.—An improved portable gold saving and concentrating machine.
- No. 5084. 2nd June, 1896. Walter James Collins, 93 Pitt-street, Sydney, N.S.W.—An improved vanner belt.

- No. 5163. 9th July, 1894. Askin Morrison Nicholas, Linden, Yarra-street, Hawthorn, near Melbourne, Victoria.—An improved vanner.
- No. 5225. 2nd August, 1894. John Frederick Cooke Farquhar, Glebestreet, Parramatta, N.S.W.—Improvements in hydraulic apparatus for concentrating and classifying discrete materials and substances.
- No. 5280. 27th August, 1894. William Tarrant, West-street, Petersham, near Sydney, N.S.W.—An improved shaking table concentrating machine usable also as an amalgamator.
- No. 5441. 7th November, 1894. Joseph Knox, Bowling Alley Point, N.S.W.—An improved apparatus for concentrating ores, mill tailings, and similar products.
- No 5656. 6th March, 1895. Stephen Wills Vale, Annandale, near Sydney, Eustatius Whitney Griffiths, Sydney, and Hugh Edwin Moore, Sydney, N.S.W.—Improved concentrating machine.
- No. 5670. 11th March, 1895. Arthur Albert Walters, Footscray, Victoria.—An improved method or process of and apparatus for concentrating or separating finely-divided auriferous ores.
- No. 5787. 11th May, 1895. John Cory Fell, Chalk Farm, London, England.—Improvements in apparatus in apparatus for the concentration of minerals by means of compressed air.
- No. 5881. 1st July, 1895. Francis James Odling, Melbourne, Victoria.—
 An improved shaking table for concentrating and amalgamating.
- No. 5882. 1st July, 1895. Walter John Hammond, London, England, and John Gordon, Rio de Janeiro, Brazil.—Improved means for concentrating ores or other substances.
- No. 6084. 23rd September, 1895. John Warren, Broken Hill Proprietary Block 10 Mine, N.S.W.—An improved method of concentrating ore and circular vanning concentrator therefor.
- No. 6098. 1st October, 1895. William Cottle, Barmedman, Elijah Cottle, Barmedman, and George Cottle, Peak Hill, N.S.W.—Improvements in apparatus for concentrating ores, mill tailings, beach sand, and similar products.

- No. 6355. 28th January, 1896. William Henry Coward, Erith, County of Kent, England,—Improvements in apparatus for concentrating grading or classifying crushed ore and other matters.
- No. 6379. 7th February, 896. Richard Wallace Christopher Tayler and Robert Christopher Beveridge (assignees of Alexander Grant), Sydney, N.S.W.—Improvements in the construction of and the method of operating dry blowers for the purpose of separating and recovering gold or the like from auriferous sand or other pulverised material.
- No. 6530. 27th April, 1896. Walter Palmer Wynne and Thomas Tregurtha, Ballarat, Victoria.—An improved concentrating table for treating auriferous material.
- No. 6534. 27th April, 1896. Frank John Woods, Chicago, Illinois, U.S.A.

 —Improvements in ore concentrators.
- No. 6558. 13th May, 1896. Thomas Quinn and William Ashford, Urana, N.S.W.—Sludge box.
- No. 6630. 9th June 1896. Walter Palmer Wynne and Thomas Tregurtha, Ballarat, Victoria —An improved concentrating or separating machine, principally applicable to the treatment of pyrites.
- No. 6804. 15th August, 1896. Robert Taylor, Adelaide, South Australia.—
 An improved gold saving and concentrating appliance.
- No. 7098. 28th November, 1896. Hermann Pape and Wilhelm Henneberg, Hamburg, Germany.—Apparatus for grading and removing dust from pulverised ore and other granulated materials.
- No. 7206. 18th January, 1897. Owen Blacket, Sydney, New South Wales.—An improved sluice-box.
- No. 7441. 3rd May, 1897. Henry Richard Hancock, of Moonta Mines, South Australia.—Improvement in the construction of sieves of jigging machines.
- No. 7506.—28th May, 1897. Arthur Redman Wilfley, of 2805 Humbolt-street, Denver, Colorado, United States of America.—Ore concentrator.
- No. 7838. 27th September, 1897. Henry Richard Hancock, Moonta Mines, South Australia.—Inprovements in the hutch of jigging machines.

SEPARATING GOLD FROM ORES, INCLUDING WASHING AND APPLIANCES THEREFOR.

- L.R. No. 1525. 23rd October, 1884. George Boulton Brown Elliott and Benjamin Poulton, Victoria.—An improved portable floating apparatus for sluicing alluvial earths.
- No. 403. 22nd December, 1887. George Jones Atkins, Tottenham, Middlesex, England.—New or improved means and apparatus for the separation of gold and other metals from their ores.
- No. 1167. 7th January, 1889. James Cosmo Newbery, Melbourne, Victoria, and Claude Theodore James Vautin, London, England.—An improved process for the separation of finely divided natural mineral or metallic matter from the liquids in which they are suspended.
- No. 1421. 16th May, 1889. Thomas Alva Edison, Llewellyn Park, Essex, New Jersey, United States.—Improvements in methods of and apparatus for effecting the separation of metals from their ores.
- No. 1516. 2nd July, 1889. Lucius O'Brien, Sydney, New South Wales.—A new or improved method of separating gold and silver from ores and minerals containing them.
- No. 1671. 29th August, 1889. Gustave Fischer and Justin McSweeney, Sydney, New South Wales.—An improved centrifugal separator and classifier for pulverised minerals.
- No. 1983. 28th January, 1890. Middleton Crawford, 3 Oxford-street, Liverpool, Lancaster, England.—Improvement in means for effecting the separation of particles of different specific gravities, more especially intended for the separation of gold and other metals from crushed or divided ores.

- No. 2005. 10th February, 1890. George Dury, Melbourne, Victoria.—An improved method of and apparatus for effecting the separation of metals from ores, as also for washing solid matters or purifying different gases or fluids.
- No. 2091. 18th March, 1890. Charles Nicholas Carey, Mount Costigan, New South Wales.—Gold washing and saving machine.
- No. 2154. 22nd April, 1890. Thomas Crisp Sanderson, Oporto, Portugal.— Improvements in effecting the separation of gold from antimony.
- No. 2198. 19th May, 1890. William Dunsmore Bohm, 51 The Avenue, Acton, Middlesex, England.—Improvements in the separation of gold and silver from ores or materials containing them.
- No. 2199. 19th May, 1890. William Dunsmore Bohm, 51 The Avenue, Acton, Middlesex, England.—Improvements in and apparatus for the separation of gold and silver from ores or materials containing them.
- No. 2278. 23rd June, 1890. Richard Stanfield, Heriot Watt College, Edinburgh, Scotland, and Thomas Clarkson, King's College, London, England.—An improved method of and apparatus for separating metals, minerals and other dense bodies from ores or associated materials, applicable also for sizing purposes
- No. 2628. 24th November, 1890. Carl Luhrig, Dresden, Saxony, German Empire, and John Charles Cunninghame, 127 St. Vincent-street, Glasgow, Scotland.—Improvements in apparatus for washing, separating, and concentrating ores of different specific gravities.
- No. 2885. 24th March, 1891. Jacob Robert Smith, Palmer Place, Adelaide, South Australia.—Improvement in the concentration and separation of ores, metals, and minerals from their matrices, and appliances therefor.
- No. 3238. 3rd September, 1891. Arthur Gerald Manning, Sydney, New South Wales.—Apparatus for separating diamonds from the matrix, consisting of a hopper, a pan containing revolving arms with iron teeth, and a revolving cylinder and elevator.

- No. 3433. 26th November, 1891. Herman Pape and Wilhelm Henneberg, Hamburg, Germany.—Improved means for dry separation of materials of different specific weight and of different size.
- No. 3549. 25th January, 1892. William Dunsmore Bohn, 5 Cumberland Villas, Chiswick, Middlesex, England.—Improvements in and apparatus for the separation of gold and silver, or either of them from ores or materials containing them.
- No. 53939. 27th August, 1892. Orrin Burton Peck, Illinois, United States.— Improvements in centrifugal ore separators.
- No. 3940. 27th August, 1892. Orrin Burton Peck, Illinois, United States.—Process of separating powdered or finely divided particles containing mineral-bearing substances of different degrees of specific gravity.
- No. 3959. 3rd September, 1892. William Scoular, Johannesberg, South Africa.—Improvements in apparatus for separating crushed pyrites and similar heavy substances containing gold or other metal.
- No. 4035. 13th October, 1892. Edward James Nichols, Melbourne, Victoria.—An improved method of separating antimony from gold.
- No. 4152. 29th November, 1892. Joseph William Sutton, Brisbane, Queensland.—Improvements in the separation of gold from its chloride solution.
- No. 4286. 20th January, 1893. John Turnbull, Adelaide, South Australia.—An improved apparatus for washing coal, applicable also for separating metalliferous ores and other substances of different specific gravities.
- No. 4268. 11th February, 1893. John Mogini Chambers, Sydney, New South Wales.—Improvements in apparatus for separating substances of different sizes or specific gravities.
- No. 4281. 16th February, 1893. Joseph Allison Coombes, 12 Carteret-street, Westminister, England.—Improvements in separators suitable for separating gold and other precious or valuable metals from gravel, pulverised quartz, and the like.

- No. 4819. 16th March, 1898. William Stronach Lockhart, London, England.—An improved process and apparatus used therein for the washing and separating of gems or other substances from the earthy and other mineral matters containing them.
- No. 4840. 19th January, 1894. Harry Scott, Edward Samuel Green, and Edwin Moore, Sydney, N.S.W.—A new or improved apparatus for washing and separating gold and some other minerals and substances.
- No. 4948. 31st March, 1894. Joseph Cecil Daly, Auburn-street, Goulburn, N.S.W.—A new and an improved gold separator.
- No. 5143. 2nd July, 1894. Jonathan Aldous Mays, 1 Belsize-terrace, Hampstead, London, England.—Centrifugal apparatus for separating molten metals and similar substances.
- No. 5335. 19th September, 1894. William Edward Wright, Glen Innes, N.S.W.—Improvements in apparatus for washing auriferous earth and sand.
- No. 5634. 23rd February, 1895. Marie Antoine Joseph Roux, 262 Rue du Faubour, St. Honore Paris, France.—A process and apparatus for separating the metals and other ingredients from blendes.
- No. 5650. 2nd March, 1895. Nathaniel Shephard Keith, Hawarden, Chester, England.—Improvements in separating gold and silver from other materials.
- No. 5652. 2nd March, 1895. John Jerger, Goulburn, N.S.W.—Improvements in apparatus for washing gold-bearing earth and sand.
- No. 573[≺]. 17th April, 1895. Joshua Alexander Kay, Balwyn, Victoria.— An improved separator for mineral charged earths and tailings, and which may also be used as an amalgamator.
- No. 6290. 20th December, 1895. Henry Edward Kingsmill, Forest Lodge, Sydney, N.S.W.—A gold-saving machine for the purpose of washing beach sand, battery tailings, and loose alluvial soil other than clay.
- No. 6500. 10th April, 1896. Joseph Mait Oakland, Alameda, California, U.S.A.—Apparatus for separating and saving gold.

- No. 7389. 6th April, 1897. Taylor Gold Recovery Company, Limited (assignees of Robert Taylor), Weymouth-street, Adelaide, S.A.—An improved appliance for separating gold, silver, and other metals from gangue or waste in finely-divided ore.
- No. 7524. 7th June, 1897. Walter Thomas Newman, Toronto, county of York, Province of Ontario.—Improvements in the method of and apparatus for separating ores, minerals, &c.

GOLD SAVERS, WHETHER CONCENTRATING, AMALGAMATING, OR OTHERWISE NOT STATED.

- No. 239. 5th October, 1887. James Logan, Sturt-street, Ballarat, Victoria.

 —An improved gold-saving apparatus.
- No. 3254. 14th September, 1891. Arthur Isaac Maxfield, Kameruka, New South Wales.—A machine for saving floating gold.
- No. 3405. 16th November, 1891. Andrew French, Willowbank, Larbert, Stirling, Scotland—Improvements in obtaining gold, silver, and copper from ores.
- No. 3617. 27th February, 1882. Alexander Aberdeen Blackman, Janestreet, Balmain, New South Wales—An improved apparatus for the more effective recovery and saving of gold and silver or other metals from metalliferous materials.
- No 3696. 8th April, 1892. Fred Walsh, 26 Elizabeth-street, Sydney, New South Wales (a communication from abroad).—A new and improved mode of saving and collecting gold and silver from their ores, and of treating ores and saving and collecting fine and float gold.
- No. 4018. 5th October, 1892. Thomas Montresor Baldwin, Otago, New Zealand—An improved appliance for saving gold.

- No. 4869. 12th February, 1894. Thomas Henry Spicer and Thomas Snow, Hillgrove, New South Wales.—Improvements in the construction of rocking tyes and shaking tables.
- No. 4989. 19th April, 1894. Joseph A. Flanagan, 15 Oxford-street, Hyde Park, Sydney, New South Wales.— An improved gold-saving machine with a revolving and rotating cylinder.
- No. 4996. 20th April, 1894. Thomas Henry Patching, Strathfield, New South Wales.—An automatic action gold saving machine.
- No. 5028. 4th May, 1894. Henry Joseph Maynard, Goulburn, New South Wales.—An invention for puddling auriferous earth and saving the metals therein contained.
- No. 5038. 8th May, 1894. Thomas Byron Mockett, Cudal, New South Wales.—Gold saving machine.
- No. 5041. 9th May, 1894. William Ring, Trott-street, Parramatta, New South Wales.—An improved gold saving machine.
- No. 5045. 14th May, 1894. Alfred Swyny, 267 Pitt-street, Sydney, New South Wales.—An improved process and apparatus for saving gold and other minerals.
- No. 5046. 15th May, 1894. Benjamin Gray, Market-square, Wollongong, New South Wales.—An improved method of saving gold and other minerals.
- No. 5067. 28th May, 1894. George Henry Lane, William Osborn, George Baker Smith, and James Cunningham, Granville, New South Wales.—Gold saving machine.
- No. 5087. 5th June, 1894. Walter Harman and Walter Bennett, Dungog, New South Wales.—Improvements in the methods of and apparatus for saving gold.
- No. 5095. 8th June, 1894. James Rawley Hart, Daylesford, Victoria.—An improved gold saving apparatus.
- No. 5136. 28th June, 1894. William Henry Dawson, Callan Park Hospital, Balmain, N.S.W.—A new and improved gold saving machine.

- No. 5179. 14th July, 1894. William Stephen Brice, 9 John-street, Newtown, and Alfred Easson, 35 Castlereagh-street, Sydney, New South Wales.—An improved puddling and gold saving machine.
- No. 5355. 9th October, 1884. William Jennings, Bishop-street, Burwood, near Sydney, and Horatio Nelson Clarke, Challis Avenue, Potts Point, Sydney, New South Wales.—An improved gold saving machine.
- No. 5428. 1st November, 1894. John Alfred Dugins, St. Andrews, Evelyn, Julius Alfred Carlson, Leicester-street, Carlton, and William Ernest Poole, High-street, Kew, Victoria.—A new and improved machine for saving fine gold and other minerals.
- No. 5601. 8th February, 1895. Richard Wood Davis, Croydon; James Tate, Summer Hill; Thomas Tate, Strathfield; and John Thomas Lawler, Enfield, near Sydney, New South Wales.—An improved gold saving machine.
- No. 5990. 19th August, 1895. Allan Stewart, Pyrmont; Thomas Morris, Sydney; and William Richardson, Petersham, New South Wales.—An improved gold-saving machine for recovering fine gold and pyrites from alluvial sands and battery tailings.
- No. 5993. 21st August, 1895. John Edward Thornton, West Redfern, Sydney, New South Wales.—An improved alluvial gold-saving machine.
- No. 6412. 25th February, 1896. Frederick Muller, Drummoyne, New South Wales.—An improved mechanical table for the saving of gold or other minerals, and for like purposes.
- No. 6557. 12th May, 1896. William Benjamin Walters, Wellington, New Zealand.—An improved gold-saving apparatus for use in rivers and the like.
- No. 7011. 30th October, 1896. Gustaf Dillberg, of Sydney, New South Wales; and William Walker, Sydney, New South Wales.—An improved machine for saving gold by the aid of mercury.
- No. 7218. 21st January, 1897. Arthur Asthon Shorter, of Parkes, New South Wales (assignee of James Turnbull.)—Combination gold washing and saving machine.

- No. 7491. 22nd May, 1897. Samuel Crow, 31 Moray Place, Dunedin, New Zealand.—A combination for mining for and saving gold, tin, and other metals.
- No. 7671. 3rd August, 1897. William Benjamin Walters, Wellington, New Zealand.—An improved spiral ripple for gold saving.
- No. 7688. 7th August, 1897. Thomas Gilbert Bowick, 7 Great Winchester-street, London, England.—Improvements in and relating to the recovery of gold and other precious metals.
- No. 7858. 2nd October, 1897. Frank White, Christchurch, N.Z.—Improved process for saving gold from refractory ores.

EXTRACTING METALS FROM ORES (GENERAL AND UNDEFINED).

- L.R. No. 1859. 12th January, 1884. Stephen Osborne and Andrew Thomas, South Australia —An improved method of extracting gold and silver from certain of their ores, and utilizing some of the other products of the process.
- L.R. No. 1361. 16th January, 1884. Albert Daniel Ancel and Jean Marie Antonin Thiollier, France.—A process of and apparatus for extracting metals from their ores.
- L.R. No. 1422. 20th April, 1884. Thomas Rowland Jordan, Great Britain.—Improvements in machinery or apparatus for treating ores, chiefly for the extraction of precious metal therefrom.
- L.R. No. 1439. 23rd June, 1884. Edward Spencer, Victoria.—Improvements in the treatment of finely-divided auriferous material for the extraction of gold and quicksilver, the residual product being a useful pigment.

- L.R. No. 1570. 17th January, 1885. Elizabeth Barnston Parnell, New South Wales, and Francis W. Were, Victoria.—An improved machine for the extraction of free gold from finely divided materials.
- L.R. No. 1665. 4th August, 1885. James John Shedlock, Great Britain.

 —Improvements in the process of and apparatus for the extraction of metals from their ores.
- L.R. No. 1836. 29th May, 1886. James Cosmo Newbery and Claude Theodore James Vautin, Victoria.—Improvements in the wet or hydrometallurgical method of extracting metals from crushed or other finely divided ores, materials, and furnace products.
- L.R. No. 1962. 23rd November, 1886. Auguste A. Rampant, Victoria.— Improved method of, and 'apparatus for extracting the useful product from all descriptions of ores.
- L.R. No. 2111. 80th July, 1887. Ewald Fisher and Max William Weber, German Empire. Improved apparatus for extracting gold, &c., from their ores.
- No. 107. 11th August, 1887. John Rayden, Bingle, assignee of Marmaduke Constable, Sydney, New South Wales.—An improved process for the extraction of gold, silver, and other metals from ferriferous ores containing same.
- No. 305. 81st October, 1887. Alexander Parkes, 8 Chancellor-road, Dulwich, Surrey, England.—Improvements in extracting gold, silver, and other metals from ores or compounds containing the same.
- No. 518. 29th February, 1888. Alexander Parkes, 8 Chancellor-road, Dulwich, Surrey, England.—Improvements in the extraction of gold and silver from ores or compounds containing the same, and in solvents for such metals.
- No. 774. 12 July, 1888. Henry Ryan Lewis, London, England, and Charles Berry Phillips, Chester, England.—Improvements relating to the extraction of metals from refractory complex and other ore.

- No. 841. 6th August. 1888. Werner Siemens, 94 Markgrafen Strasse, Berlin, Germany.—Improvements in the extraction of gold and other precious metals from minerals and ores containing them.
- No. 844. 6th August, 1888. James Holms Pollok, University of Glasgow, Lanark, North Britain.—Improvements in the wet method of extracting gold from crushed ores or other finely divided auriferous materials.
- No. 928. 3rd September, 1888. Alfred Andrew Lockwood, Ohenimuri, Auckland, New Zealand.—An improved process for the extraction of gold and silver from metalliferous materials, and improved apparatus therefor.
- No. 926. 6th September, 1888. Edward Hubbard Russell, Park City, Utah, United States. Improvements in the art of extracting metals from ores or metallurgical products.
- No. 961. 26th September, 1888. Askin Morrison Nicholas, Melbourne, Victoria.—An improved means of extracting silver from its ores.
- No. 965. 27th September, 1888. The Cassel Gold Extracting Company, Limited 157 West George-street, Glasgow, North Britain. (assignees of John Stewart Macarthur, Robert Wardrop Forrest and William Forrest, —Improvements in extracting gold and silver from ores or other compounds.
- No. 984. 9th October, 1888. Comte Edouard Rottermound, Bludow, Volhynia, Russia.—A new or improved process for extracting gold, silver, and other metals from refractory ores, sands, and residues.
- No. 983. 9th October, 1888. Roswell Deming Clark, Cortez, Landen, Nevada, United States.—Improvements in the process of extracting gold and silver.
- No. 1234. 12th February, 1889. Albert Berwick Cunningham, London, England.—Improvements relating to the extraction of gold, silver, and lead, from substances containing the same, and to apparatus therefor.
- No. 1334. 3rd April, 1889. William Legrand Card, La Crosse, Wisconsin United States.—A machine for eliminating metals from their matrices.

- No. 1347. 8th April, 1889. Alexander Gilchrist, Gustave Blundel Hirsch, Frank L. Gardiner, Walter J. Collins, and Charles McPherson, Sydney, New South Wales.—Improvements in the extraction of gold and silver from ores and products containing the same in solvents for such metals, and in the recovering the same from solution.
- No. 1480. 15th June, 1889. James Greenwood, London, England.—Improvements in and relating to the extraction of gold and silver from refractory and other ores, and in apparatus employed therein.
- No. 1776. 18th October 1889. Alfred Harrall Florance, Millthorpe, New South Wales.—A new process for extracting gold from pyrites.
- No. 1799. 30th October, 1889. Christopher O'Brien, The Thames, New Zealand, John Ramsay Allan; and Michael Joseph Curry, Sydney, New South Wales.—An improved process for extracting the precious metals from refractory ores.
- No. 1802. 31st October, 1889. Thomas Rowland Jordan, London, England.

 —Improvements in machinery or apparatus for extraction of gold and silver from their ores.
- No. 1906. 10th December, 1889. Richard Brown, Haily, Largs, Scotland; and George Henry Irvine, Elizabeth-street, Brisbane, Queensland.— Improvements in the wet method of extracting gold from finely-divided auriferous quartz, ores, or other auriferous material.
- No. 1967. 17th January, 1890. James Holms Pollok, 27 Vincent-place, Glasgow, Scotland.—Improvements in the wet method of extracting gold from ores, and in apparatus to be used therewith.
- No. 1974. 20th January, 1890. William Roberts and Howard Raymond Belden, assignees of Thomas Denny and William Roberts, Sydney, New South Wales.—Improvements in apparatus for facilitating the extraction of gold from finely-divided metalliferous materials and auriferous slimes.
- No. 2133. 8th April, 1890. Richard Lewis Cousens, Johannesberg, South African Republic.—A process and apparatus for extracting precious metals from ores or quartz.

- No. 2331. 15th July, 1890. Walter Marshall Foote, 5 Bligh-street, Sydney, New South Wales.—Improvements for extracting metalloids and metals from various ores and other substances.
- No. 2367. 28th July, 1890. Edwin Herbert Becke, Corangula Mines and Smelting Works, near West Kempsey, New South Wales.—Improvements in the extraction of antimony and gold from arsenical and sulphurous ores containing the same.
- No. 2498. 24th September, 1890. Carl Luhrig, Dresden, Saxony, Germany; and John Charles Cunninghame, 127 St. Vincent-street, Glasgow, Scotland.—Means and machinery for reducing, separating and extracting precious and other metals from their ores.
- No. 2529. 8th October, 1890. Thomas Temperley, Ballina, New South Wales.—An improved apparatus for use in connection with the extraction of gold from auriferous sand on ocean beaches.
- No. 2695. 22nd December, 1890. The Pollok Patents Gold Extracting Company, Limited, assignees of Joshua Buchanan, 27 St. Vincent's-place, Glasgow, North Britain.—Improvements in the method of precipitating gold from the liquor in which it is held in solution.
- No. 2714. 2nd January, 1891. John Edlington Chaster, 7 Regent-place, Shawlands, Renfrew, North Britain.—Improvements in the extraction of metals from ore.
- No. 2889. 26th March, 1891. David Rankin Shirreff Galbraith, Auckland, New Zealand.—Improvements in process of and apparatus for the extraction of precious metals from finely-divided metalliferous materials.
- No. 3321. 10th October, 1891. James John Shedlock and Thomas Denny, 105 Gresham House, London, England.—A process and apparatus for extraction of metals from ores.
- No. 3592. 13th February, 1892. James Ballantyne Hannay, Cove Castle, Loch Long, Dumbarton, Scotland.—Improvements in extracting precious metals from ores or minerals containing them and apparatus for that purpose.

- No. 3722. 29th April, 1892. Jabez Turton, 9 Norfolk-street, Strand, London, England.—A process for extraction of metals from ores and minerals containing them.
- No. 2324. 29th April, 1892. Ernest Govett, Adelaide, South Australia.—
 An improved process for the extraction of gold, silver, platinum, and other like metals from their ores.
- No. 3824. 22nd June, 1892. Henry Parkes, 237 Friern-road, Dulwich, Surrey, England; and John Cunninghame Montgomerie, Water of Ayr and Tam O' Shanter Hone Works, Dalmore. Stair, Ayrshire, Scot land.—Improvements in the extraction of gold and silver from ores or compounds containing the same.
- No. 3856. 14th July, 1892. Joseph William Sutton, Eagle-street, Brisbane, Queensland.—Improvements in the wet process for the extraction of gold or silver or both from pulverised ores or other finely-divided material, and in apparatus therefor.
- No. 4214. 10th January, 1893. Thomas Campbell Simonton, city of Paterson, county of Passaic, and State of New Jersey, U.S.A.—An improved machine for extracting gold from auriferous sands and gravels and pulverised ores.
- No. 4353. 30th March, 1893. Bernard Charles Molloy, of the Middle Temple, London, England.—Improvements in dissolving golds and other metals out of ores and compounds, and obtaining the metals therefrom.
- No. 4360. 8th April, 1893. Carl Maria Pielsticker, 43 Connaught-road, Hurlesden, county of Middlesex, England.—Improvements in the extraction of gold and silver from ores.
- No. 4892. 5th May, 1893. John Cunninghame Montgomerie, of the "Water of Ayr" and "Tam O'Shanter" Hone Works, Dalmore, Stair, County of Ayr, Scotland.—Improvements in the extraction of gold and silver from ores or compounds containing the same, and in apparatus applicable for use in the treatment of such materials by means of solvents.

- No. 4416. 18th May, 1893. Lucius O'Brien, Sydney, New South Wales.—
 A new or improved process for dissolving gold out of its ores or otherwise.
- No. 4514. 17th July, 1893. John James Christman, Broken Hill, New South Wales.—Metal extractor, for extracting metals from ores containing silver, gold, platinum, and other platinoid metals.
- No. 4594. 26th August, 1893. John Stewart M'Arthur and Charles James Ellis, 157 West George-street, Glasgow, County of Lanark, North Britain.—Improvements in extracting gold and silver from ores, and the like.
- No. 4608. 2nd September, 1893. William Forrest Roberts and William Roberts, Sydney, New South Wales.—Improved apparatus for the extraction of free gold from auriferous material, such as alluvial wash-dirt, gravel, sludge, tailings, and such like.
- No. 4662. 5th October, 1893. John Storer, Sydney, New South Wales, and Benjamin Thomas Lacy, San Francisco, California, United States.—An improved method of, and apparatus for dissolving, leaching, and filtering.
- No. 4667. '19th October, 1893. Carl Moldenhauer, Frankfort-on-Maine, Germany.— Improvements in recovering gold and other precious metals from their ores.
- No. 4877. 19th February, 1894. Herman Henry Schlapp, Mount Barker, South Australia, and Francis James Odling, 70 Queen-street, Melbourne, Victoria.—An improved centrifugal hydro-extractor, principally adapted for treating finely divided metalliferious material.
- No, 4942. 27th March, 1894. Charles Edgar Chapman, and Thomas Fenton Whitford, Adelaide, South Australia.—Improvements in and connected with the recovery of metals from their ores.
- No. 4972. 12th April, 1894. John Cunninghame, Montgomerie, Dalmore Stair, County of Ayr, Scotland.—Improvements in and in connection with the extraction of gold and silver from ores or compounds containing the same, and in their recovery from solutions.

- No. 5034. 7th May, 1894. James Nicholas, Waterloo, County Palatine of Lancaster, England.—Improvements in obtaining gold and silver from ores and other compounds and apparatus therefor.
- No. 5128. 26th June, 1894. William Climo, 25 Matthew-street, Darling Harbour, Sydney, N.S.W.—New and improved methods in the processes for the extraction of silver from ores.
- No. 5129. 26th June, 1894. William Climo, 25 Matthew street, Darling Harbour, Sydney, N.S.W.—New and improved processes of extraction of sulphur, copper, lead, zinc, silver, and gold, from zinciferous, galena, cupric, and sulphide ores, containing silver and gold.
- No. 5130. 26th June, 1894. William Climo, 25 Matthew-street, Darling Harbour, Sydney, N.S.W.—New and improved methods in the processes of extraction of silver, gold and copper from galena, cupric, ferric, and other base ores containing gold and silver.
- No. 5133. 28th June. 1894. Otto Max Proll, Taree, N.S.W.--A machine to extract gold from auriferous sand.
 - No. 5434. 3rd November, 1894. Thomas Youngman Dewhirst, Hart-street, Semaphore, South Australia.—Improvements in the process and apparatus for leaching ores.
 - No. 5481. 30th November, 1894. Henry Livingstone Sulman and Frank Litherland Teed, London, England.—Improvements in or relating to the extraction of precious metals from their ores.
 - No. 5595. 6th February, 1895. John Hames Hood, London, England.—
 Improvements in extracting metals and new solvent materials therefor.
 - No. 5618. 16th February, 1895. Louis Pelatan, Paris, France, and Fabrizio Clerici, Milan, Italy.—Extracting gold from its ores.
 - No. 5669. 11th March, 1895. Arthur Albert Walters, Footscray, Victoria.

 —A new or improved method or process of preparing auriferous material prior to its being treated for gold extraction.

- No. 5736. 16th April, 1895. Albrecht Schmidt, 170-171 Mullerstrasse, Berlin, Germany.—Improvements in the extraction of gold and silver and in solvents of those metals.
- No. 5855. 17th June, 1895. The Australian Gold Recovery Company, Limited, London, England, assignees of John Stewart MacArthur and John Yates.—Improvements in the process of and apparatus for extracting gold and silver from ores and the like.
- No. 5908. 18th July, 1895. Carl Hoepfner, Giessen, Germany.—Improvements in and relating to the extraction of metals and to apparatus therefor.
- No. 6003. 23rd August, 1895. Edward Dwight Kendall, Sewaren, Middlesex, New Jersey, United States, America.—Process for the recovery of gold and silver from solutions.
- No. 6058. 14th September, 1895. Oscar Frolich, Berlin, German Empire.

 —Process of extracting precious metals from ores.
- No. 6052. 10th September, 1895. Bertrand Chase Hinman, New York, United States, America.—Improved process and apparatus for extracting gold from ores and other auriferous substances.
- No. 6100. 2nd October, 1895. Frederick Hamlet Long and Delos Car Skaden, Chicago, Illinois, United States, America.—Improvements in apparatus for recovering precious metals from their ores.
- No. 6096. 30th September, 1895. Charles Graham Hepburn, Sydney, New South Wales.—Improvements in the process for the extracting of certain metals from complex metallic ores.
- No. 6083. 23rd September, 1895. John Warren, Broken Hill Proprietary Block 10 Mine, New South Wales.—An improved pulp or slime extractor.
- No. 6166. 2nd November, 1895. Henry Ernest Fry, London, England, assignee of John David and Le Doux.—Improvements in the extraction of lead with silver, gold, or other metals from galena or sulphides of lead and zinc, and from matters and (or) refractory ores.

- No. 6183. 11th November, 1895. Leon de Rigaud, Paris, France.—Improvements in gold extracting processes and apparatus therefor.
- No. 6264. 18th December, 1895. The Floating Metal Company, Limited Llanfachreth, near Dolgelly, North Wales, Great Britain (assignees of Samuel Crowder).—Improved method or process of recovering oils or fatty matters from a mixture consisting of or containing them, and slime or finely divided clay, ore, sand, concentrates, or other substance in a finely divided state.
- No. 6343. 20th January, 1896. Henri Auguste de Neufville, Paris, France.—Process and apparatus for the extraction of gold and silver from their ores and from other auriferous and argentiferous substances.
- No. 6848. 22nd January, 1896. Joseph Baxeres, Torres, London, England.—Improvements in or relating to the extraction of precious and other metals from their ores and in apparatus therefore.
- No. 6850. 24th January, 1896. Joel James Deeble, Bendigo, Victoria.—An improved machine for use in the extraction of gold from auriferous material by the aid of chemical solvents.
- No. 6365. 31st January, 1896. Louis Peletan, Paris, France, and Fabrizio Clerici, Milan, Italy.—Improvements in means or apparatus for the obtainment of precious metals from ores or materials containing them.
- No. 6406. 21st February, 1896. William Henry Moseley, Sydney, New South Wales.—Improvements in and connected with the extraction of silver and certain other metals.
- No. 6480. 5th March, 1896. Henry Robert Angel, London, England.— Improvements in extraction of lead with silver, gold, or other metals from ores blended with sulphide or zinc or otherwise.
- No. 6454. 16th March, 1896. William Herbert Hyatt, Herne Hill, Surrey, England; and Joseph Henochsberg, London, England; and Coolgardie, Western Australia.—Improvements in extracting gold and in apparatus therefor.

- No. 6464. 25th March, 1896. Wilhelm Majert, Falkenberg, near Grunau, Prussia, German Empire.—Process of extracting gold from gold ores.
- No. 6479. 81st March, 1896. Thomas Edwards, Sebastopol, Ballarat, Victoria.—Improvement in the extraction of gold and silver from ores or compounds containing the same, and in apparatus applicable for use in the treatment of such materials by means of solvents, and in ore washing or leaching generally.
- No. 6787. 13th August, 1896. James Mactear, London, England.—Improvements in the extraction of precious metals from their ores or from compounds containing the same.
- No. 6807. 17th August, 1896. Henry Livingtone Sulman, Murchison Goldfields, Western Australia.—Improvement in apparatus for the recovery of precious metals from their solutions.
- No. 6816. 19th August, 1896. William George Marshall Foote, Sydney, and Octavius Plater Clayton, Sydney, N.S.W.—Improved method of and apparatus for extracting metals from their ores or other compound bodies containing them.
- No. 6830. 24th August, 1896. John Glenville Murphy, Connecticut, United States, America.—Process of and apparatus for extracting gold from its ores.
- No. 6978. 17th October, 1896. Carl Wilhelm Heinrich Gopner, Hamburg, and Heinrich Ludwig Diehl, Hamburg, Germany.—Improvements in the recovery of gold and silver from their solutions.
- No. 6993. 23rd October, 1896. David White and Thomas Moore Simpson, Stawell, Victoria. An improved method and apparatus for extracting precious metals from slimes or other finely-divided material containing the same.
- No. 7019. 2nd November, 1896. Gustave Renz and William Alexander Tarves, Sydney, N.S.W.—A process and apparatus for mining and extracting gold from auriferous deposits.

- No. 7046. 12th November, 1896. Dr. Emil Wohlwill, Hamburg, Germany.

 —An improved processs for obtaining chemically pure gold from fine gold and alloys rich in gold.
- No. 7090. 28th November, 1896. Kate Alberta May, London, England.—
 —An improved process for the extraction of gold and silver from their ores.
- No. 7152. 23rd December, 1896. Oswald Liddell, Bendigo, Victoria.— Improvements in agitating pans or vats or use in the extraction of precious metals by the aid of chemical solvents.
- No. 7296. 26th February, 1897. Carl Wichmann, of the London and Hamburg Gold Recovery Company, Limited, 22 Austin Friars, London, England.—Improvements in extracting gold from ores.
- No. 7331. 16th March, 1897. Henry Renner Cassel and Bertrand Chase Hinman, both of the City, County, and State of New York, U.S.A.—Improved process and apparatus for extracting gold from ore.
- No. 7415.—22nd April, 1897. Thomas Crawford Dennison, of Oamaru, New Zealand.—An improved process for the extraction of gold from ores.
- No. 7454. 7th May, 1897. Henry William Streatfield, 31 Vincent-road, Wood Green, London, England.—Improvements in extracting metals from their ores or in obtaining solutions of same.
- No. 7488. 22nd May, 1897. Herbert Robinson Brookes, Charles Graham Weir Officer, and John Jones, all of 34 Queen-street, Melbourne, Victoria.—Improved apparatus for the treatment of slugs, tailings, or pulverised earths containing gold, silver, or other minerals.
- No. 7564. 25th June, 1897. John Cunninghame Montgomerie, Ayr, Scotland, and Henry Parkes, Surrey, England.—Improved means applicable for use in the treatment of ores or compounds containing gold or silver, and in means applicable for use in the treatment of such materials with the aid of solvents.

- No. 7641. 26th July, 1897. Joel James Deeble, Bendigo, Victoria.—Improvements in the construction of ore-agitation vats specially adapted for the extraction of gold from slimes by means of solutions.
- No. 7658. 30th July, 1897. The Mudros Syndicate, Limited, 10 Wallbrook, London, England (assignees of James John Shedlock).—Improvements in extracting metals from their ores and in apparatus therefor.
- No. 7740. 23rd August, 1897. James Gow Black, Dunedin, and Robert Challen Skeet, Oamaru, both af New Zealand.—An improved process for extracting gold from ores, minerals, and other gold bearing substances.
- No. 7755. 27th August, 1897. Thomas Theophilus Draper, 267 Little Collins-street, Melbourne, and William Ryley, 403 Toorak-road East, South Yarra, both of Victoria.—An improved process and apparatus for extracting the liquid obtained by the treatment of metalliferous slime, pulp, or sand with solvents.
- No. 7800. 17th September, 1897. John Poole, London, England.—Improvements in the treatment of ores, tailings, and the like, and apparatus therefor, the invention being also in part adapted for the treatment of sewage.
- No. 7842. 28th September, 1897. Alexander Grant, 127 Heeley-street, Paddington, N.S.W.—An improved apparatus for the extraction of gold from battery tailings slimes and other disintegrated auriferous compounds.
- No. 7864. 5th Octooer, 1897. Arnold Frederick Lundstrom, 50 Klaraber-gsgatan, Stockholm.—Improvements in wet process for extracting gold from gold ores or ore waste.

EXTRACTING PRECIOUS METALS FROM ORES (Electrical Processes and Apparatus.)

L.R. No. 1491. 29th August, 1884. Henry Renner Cassel, United States.—An improved process and apparatus for separating and treating metals, and extracting them from ores, mattes, or all other substances containing them by means of electrolysis, part of which invention is also applicable for other purposes.

- L.R. No. 1563. 12th January, 1885. William John Tanner, Great Britain.—Improvements in electrical apparatus for washing and separating gold and silver ores.
- L.R. No. 1945. 14th October, 1886. Walter Smythe Bayston, Victoria.— Improved process and apparatus for treating metals, alloys, and especially auriferous ores by electrolysis.
- L.R. No. 1964. 23rd November, 1886. Franz Wunderlich, Victoria.—
 Improvements in the electro-chemical process of, and apparatus for, extracting the useful products from all descriptions of ores.
- No. 46. 2nd August, 1887. John Hedley, Heathcote, Victoria. An improved apparatus for crushing and treating ores, and separating and refining metals by the aid of electricity.
- No. 1018. 20th October, 1888. John Lewis, Gold-street, Clifton Hill, Victoria.—An improved electro-chemical process for the extraction and reduction of gold and silver from their ores.
- No. 3681. 8th March, 1892. Carl Hoepfner, Giessen, German Empire.—
 Improvements relating to the electrolytic treatment of cupreous liquors ores, metallurgical products, and the like, and to apparatus therefor.
- No. 5431. 2nd November, 1894. Edward Waters, 181 William-street, Melbourne, Victoria.—Improvements in obtaining gold by electricity,
- No. 5991. 19th August, 1895. Louis Pelatan, Paris, France, and Fabrizio Clerici Milan, Italy.—Improvements in apparatus for the electrolytical separation of precious metals from their ores or other materials containing them.
- No. 6818. 2nd January, 1896. Johann Pfleger, Kaisers-lautern, Bavarian Rhine-Palatinate, German Empire.—Improvements in and connected with means and apparatus for effecting the electrolytic precipitating, or obtainment of gold and silver from solutions thereof,

- No. 7406. 20th April, 1897. Charles Albert Mulholland, of Saint Stanislaus' College, Bathurst, N.S.W., and Robert H. Cochrane, of Kalgoorlie, W.A.—Method of extracting precious metals from their ores by means solvents and electrolysis, and method for the manufacture of such solvents.
- No. 7694. 15th August, 1897. Edgar Arthur Ashcroft, Maycroft, New-comen-street, Newcastle, N.S.W,—Improvements in the combined electrolytic and leaching treatment of zinc-bearing ores and zinc-bearing products.

EXTRACTING PRECIOUS METALS FROM ORES (Chlorination, Cyanide, Sulphide, and the like processes).

- L.R. No. 1978. 7th December, 1886. Elizabeth Barnston Parnell, New South Wales.—The sulphur for extracting gold from iron and magnetic iron ores.
- L.R. No. 1997. 19th January, 1887. James Simpson and Edward W. Parnell, Great Britain.—Improvements in the treatment of auriferous and argentiferous sulphide of antimony ores to obtain gold, silver, and antimony therefrom.
- No. 453. 21st January, 1888. The Cassel Gold Extracting Company, Limited, 157 West George-street, Glasgow, Great Britain, assignees of John Stewart Macarthur Robert Wardrop Forrest and William Forrest,.

 —Improvements in obtaining gold and silver from ores and other compounds.
- No. 802. 25th July, 1888. Lucius O'Brien, Sydney, New South Wales.—A new or improved process for making metallic sulphates in solution.
- No. 837. 4th August, 1888. John Hedley, Spottiswoode, Victoria.—An improved electro-chemical apparatus for chlorinating ores and depositing the chloride resulting therefrom

- No. 1005. 17th October, 1888. William Arthur Hills, Sydney, New South Wales.—Improved process of converting certain metals and metallic ores, oxides, carbonates, and sulphides into metallic sulphates, and apparatus therefor.
- No. 1412. 13th May, 1889. James Ballantyne Hannay, Cove Castle, Loch Long, Dumbarton. Scotland.—Improvements in apparatus for the application and supply of chlorine employed in extracting gold from ores.
- No. 1856. 19th November, 1889- John Andrew Henry Theodore Ranft, Sydney, New South Wales.—An improved process and apparatus for the continuous extraction of gold and silver from substances containing the same by the agency of chlorine.
- No. 1228. 1st April, 1890. James Alexander Brown, Sydney, New South Wales.—Improvements in the treament of auriferous material with chlorine for the extraction of gold therefrom.
- No. 2437. 21st August, 1890. Maximilian Joseph Hartung, Botany, New South Wales.—Improvements in the treatment of metalliferous materials and ores for the production of plumbic salts and chlorine and the extraction of gold.
- No. 3458. 8th December, 1891. John Storer, Sydney, New South Wales, and Walter Marsh, Broken Hill, New South Wales.—Improvements in the treatment of sulphide ores and in the extraction of the metals therefrom.
- No. 3630. 8th March, 1892. George Thomas Beilby, St. Kitts, Slateford, Midlothian, North Britain.—Process and apparatus for the manufacture of cyanides.
- No. 4469. 19th June, 1893. William Foulis, 45 John-street, Glasgow, Lanark, North Britain.—Improved means for obtaining cyanides from illuminating and heating gas.
- No. 4509. 13th July, 1893. Walter Renton Ingalls, 27 Park Place, and Francis Wyatt, 24 Park Place, City and State of New York, U.S.A.—Improvements in process of treating complex sulphide ores.

- No. 4537. 27th July, 1893. Thomas Burke Fogarty, 23 Welling-street, Astoria Station, Long Island City, Queen's county, State of New York, U.S.A.—Improvements in the process and apparatus for the production of cyanides and ammonia, and gases for use in such production.
- No. 4543. 31st July, 1893. Joseph William Sutton, Eagle-street, Brisbane, Queensland.—Improvements in the chlorination of pulverized orest containing gold or silver, and in apparatus therefor.
- No. 4618. 9th September, 1893. Thomas Edwards, Sebastopol, Ballarat, Victoria.—Improvements in the application of chlorine for the extraction of gold from pyrites, matte, quartz, or other material, containing the same.
- No. 4709. 30th October, 1893. Joseph William Sutton Eagle-street, Brisbane, Queensland.—Improved rotary apparatus for the generation of chlorine gas, connection between the generating and chlorinating chambers, and the chlorination of pulverised or finely-divided gold or silver ores.
- No. 5131. 26th June, 1894. William Climo, 25 Matthew-street, Darling Harbour, Sydney, N.S.W.—New and improved methods in the processes of extracting gold from sulphide or other ores by chlorination.
- No. 7409. 30th April, 1897. George Frederick Smith, of Sydney, and Edward Herrick-Knowles, of Sydney, N.S.W.—Improvements in apparatus for extracting precious metals by chlorination,
- No. 7437. 3rd May, 1897. Adolf von Garnet, of Johannesburg, Transvaal, Africa.—Improvements in the apparatus for the precipitation of gold and other precious metals from cyanide solutions.
- No. 7565. 26th June, 1897. Ernest Frederick Turner, Adelaide, S.A.—Improvements in the treatment of sulphide ores.
- No. 7603. 12th July, 1897. Bernard Mohr, 69A Parliament Hill, Hamp-stead, Middlesex, England.—Treatment of sulphide ore for the separation of zinc from the lead and other metals.

- No. 7634. 28rd July, 1897. Société Anonyme de Traitment de l'or Combiné (Procédé Body), Brussels, Belgium, assignees of Michael Body.—Process for the treatment of sulphurous ores of complex compositions.
- No. 7826. 23rd September, 1897. Francis Ellershausen, 24 Green-street, Blackfriars, London, England.—Improvements in the treatment of complex sulphide ores and apparatus therefor.
- No. 5171. 12th July, 1894. John Stewart MacArthur, 12 Knowe-terrace, Pollokshields, county of Renfrew, North Britain—Improvements in precipitating precious metals from cyanide or similar solutions.
- No. 5529. 31st December, 1894. William McDonnell Mackey, 32 Victoria Chambers, South Parade, Leeds, Yorkshire, England—Improvements in making potassic cyanide, and apparatus therefor.
- No. 5625. 21st February, 1895. Joseph William Sutton, Eagle-street, Brisbane, Queensland—Improvements in recovery of gold precipitated from its chloride solution by sulphate of iron.
- No. 5768. 3rd May, 1895. James Burgess Readman, Edinburgh, Scotland —Improvements in obtaining cyanides and ferro-cyanides.
- No. 5907. 18th July, 1895. Carl Friedrich Claus, Hammersmith, England—Improvements in the treatment of refractory complex sulphide ores.
- No. 6208. 22nd November, 1895. Edward Waters, Melbourne, Victoria—An improvement in the treatment of auriferous ores by cyanide solutions.
- No. 6826, 11th January, 1896. George Jones Atkins, Stamford Hill, county of Middlesex, England—New or improved chloro-cyanide salts or compounds.
- No. 6342. 20th January, 1896. The United Alkali Company, Limited Liverpool, England (assignees of Julius Raschen).—Improvements in the manufacture of cyanides and ferro-cyanides from sulphocyanides and the recovery of bye products.

- No. 6524. 24th April, 1896. Henry Robert Angel, London, E. C. England—A new method for producing caustic soda, carbonate of soda, and sulphide of sodium as bye products from the reduction of refractory ores
- No. 6814. 2nd January, 1896. Joseph Wilson Swan, London, and James Alfred Kendall, Streatham, county of Surrey, England—Improvements in means to be employed in the manufacture or production of cyanides.
- No. 6688. 13th June, 1896. Manfield Newton, Sydney, N.S.W.—An improved regenerative process for the treatment of argentiferous sulphide ores
- No. 6888. 12th September, 1896. John Cope Butterfield, Westminster, England—Improvements in the treatment of bluestone and other sulphurised ores
- No. 7102. 3rd December, 1896. James Wesley Hall, Toorak, Victoria, and George Anderson Richard, Mount Morgan, Queensland. An improved steam shovel, principally for emptying and filling, leaching, and lixiviation vats used in metallurgical and similar operations.
- No. 7280. 20th February, 1897. Emile Andreoli, London, England— Improvements in and connected with the recovery of gold and other precious metals from cyanide solutions.
- No. 7815. 8th March, 1897. George Henry Blakemore, of Dapto, and John Howell, of Sydney, both in N.S.W. Improvements in the extraction of copper, iron, and zinc from sulphate solutions.
- No. 7375. 31st March, 1897. Thomas Huntington and Ferdinand Heberlein, both of Pertusola, near Spezzia, Italy—Improvements in the treatment of sulphide ores of lead preparatory to smelting the same, and incidentally in obtaining sulphurous acid.
- No. 7565.—26th June, 1897.—Ernest Frederick Turner, Adelaide, South Australia—Improvements in the treatment of sulphide ores.

- No. 7603. 12th July, 1897. Bernard Mohr, 69A Parliament Hill, Hampstead, Middlesex, England.—Treatment of sulphide ore for the separation of zinc from the lead and other metals.
- No. 7634. 23rd July, 1897. Societe Anonyme de Traitment de l'or Combine (Procede Body), Brussels, Belgium (assignees of Michael Body).—
 Process for the treatment of sulphurous ores of complex composition.

ORES, TREATING (GENERAL AND UNDEFINED).

- L.R. No. 1453. 7th July, 1884. John Dye La Monte, New South Wales.

 --An improved process of treating finely-divided auriferous material prior to smelting it.
- L.R. No. 1816. 3rd May, 1886. Jules Weirich, France. Improvements in the treatment of auriferous and auro-argentiferous materials
- No. 125. 18th August, 1887. Jules Weirich, Beziers, Herault, France.—Improvements in the treatment of auriferous minerals.
- No. 596. 9th April, 1888. Edward Probert, 306 Leavenwirth-street, San Francisco, California, United States.—Improvements in process of working auriferous and argentiferous arsenides, sulphides and furnace slags.
- No. 2925. 6th September, 1888. Edward Hubbard Russell, Park City, Summit, Utah, United States.—An improved process of and compound for removing precious metals from ores and metallurgical products.
- No. 1087. 22nd November, 1888. William Crookes, Kensington Park Gardens, London, England.—Improvements in the treatment of auriferous ores and in the revivification of the materials used in such treatment.
- No. 1295. 16th March, 1889. Alfred Andrew Lockwood, Paeroa, New Zealand, and Herbert Chappel, Sydney, New South Wales.—Improvements in the treatment of auriferous and argentiferous materials and in apparatus therefor.

- No. 1636. 19th August, 1889. Curt Schreiber and Hans Knutsen, Broken Hill, New South Wales.—An improved process for the treatment of auriferous and argentiferous antimony ores.
- No. 1756. 11th October, 1889. Henry Hutchinson, Cannon-street, London, England.—Improvements in the treatment of refractory gold and silver ores, and in apparatus therefor; applicable also for treating other substances.
- No. 2038. 22nd February, 1890. Stephen Alley, Sentinel Works, Polmadie, Renfrew, Scotland.—Improvements in apparatus for treating metallic ores or compounds with chemicals.
- No. 2137. 11th April, 1890. Marcelin Francois Castelnau, Paris, France.

 —Improved process and apparatus for treating various mixed or compound ore with a view of separating the same according to the respective density of its component parts.
- No. 2400. 7th August, 1890. George Speller Wright, Charles Ballard and George Marshall, Adelaide, South Australia, assignees of Francis Hylton Molesworth.—Improvements in the process of treating metalliferous ores.
- No. 2876. 20th March, 1891. William Clark Loe, 166 Fleet-street, London, England.—An improved method or process for treating gold and silver-bearing and other ores for the recovery of metals therefrom.
- No. 3922. 23rd August, 1892. Benjamin Howarth Thwaite and Thomas James Denny, Lancaster, England.—Improved process for effecting the reduction of mineral ores, especially those of the low grade auriferous, argentiferous and ferrous class, and in plant therefor.
- No. 4338. 27th March, 1893. John Jones, 308 Cardigan-street, Carlton, Victoria.—An improved method or process for the treatment of gold bearing antimony ores.
- No. 4514. 17th July, 1893. John James Christmas, Broken Hill, New South Wales.—An improved method of and apparatus for treating dry ores containing silver or gold, platinum, and all other platinoid metals.

- No. 4608. 2nd September, 1893. William Forrest Roberts and William Roberts, Sydney, New South Wales.—Improved apparatus for treating for the extraction of gold, alluvial wash, dirt, gravel, rubble and tailings, and sludge from puddling machines and crushing machines.
- No. 4844. 22nd January, 1894. Edgar Arthur Ashcroft, Broken Hill, New South Wales.—An improved process and apparatus for treating refractory ores.
- No. 4928. 20th March, 1894. George Smith Duncan, Melbourne Chambers, Chancery Lane, Melbourne, Victoria.—Improvements in the method or process of treating gold and silver ores, and a composition of matter for the same purpose.
- No. 4968. 11th April, 1894. Frederick May, Gawler, South Australia.—
 An improved system or series of improved machines, for the treatment of metalliferous ores.
- No. 4991. 19th April, 1894. Elgir Arthur Ashcroft, Broken Hill, New South Wales.—An improved process of treating refractory ores.
- No. 5007. 23rd April, 1894. Henry Livingstone Sulman, London, England.—Improvements in the treatment of precious ores.
- No. 5039. 8th May, 1894. Ernest Constantin Engelhardt, Deadwood, county of Lawrence, State of South Dakota, U.S.A.—Improvements in the treatment of ores.
- No. 5101. 12th June, 1894. Edgar Arthur Ashcroft, Broken Hill, N.S.W.

 —An improved process of treating refractory ores and apparatus to be used therein.
- No. 5139. 80th June, 1894. Henry Livingstone Sulman, London, England
 —Improvements in or relating to the treatment of ores.
- No. 5221. 30th July, 1894. Joseph Henry Haycraft, Adelaide, S.A.—An improved process for the treatment of auriferous and argentiferous ores.
- No. 5262. 20th August, 1894. John James Christmas, Broken Hill, New South Wales—An improved process for the treatment of gold-bearing antimony ores.

- No. 6018. 29th August, 1895. Robert Christopher Beveridge, Sydney, New South Wales—An improved process for the treatment of antimonial and antimonial gold ores.
- No. 6060. 14th September, 1895. Charles John Yarnold, Brixton, London, England—Improvements in or relating to the manufacture of ozone and its application to the treatment of ores.
- No. 6168. 81st October, 1895. The Floating Metal Company, Limited, London, England (assignees of George Robson).—Improvements in the treatment of finely-divided substances such as crushed ores, slime, tailings, and the like for the separation and recovery of metals and metallic compounds therefrom and apparatus therefor.
- No. 6383. 10th February, 1896. Ernest Govett, Melbourne, Victoria—An improved process for treating refractory ores.
- No. 6866. 5th September, 1896. Joseph Campbell, Sydney, N.S.W.— Improvements in the method of and apparatus for treating refractory gold and silver bearing ores and materials.
- No. 6897. 15th September, 1896. Courtenay William Thompson, Kent, England (temporarily residing Adelaide, S.A.)—Improvement in the reduction and treatment of ores.
- No. 6975. 17th October, 1896. Edgar Arthur Ashcroft, Melbourne, Victoria—An improved process for the treatment of metalliferous ores and products.
- No. 7121. 12th December, 1896. James Warne Chenhall, Devon, England
 —Improvements in the treatment of ores.
- No. 7126. 14th December, 1896. Hermann Pape and Wilhelm Henneberg, Hamburg, Germany—Treatment of auriferous tailings from stamps.
- No. 7376. 1st April, 1897. William Adolph Koneman and William Henry Hartley, both of the Strand, County Middlesex, England.—Improvements in or relating to the treatment of ores.

CALCINATION—SMELTING—ROASTING, &c.—INCLUDING FURNACES.

- L.R. No. 1896. 18th February, 1884. Elizabeth Barnston Parnell, New South Wales—EBB Parnell's Pyrite Process, No. 2.
- L.R. No. 1440. 23rd June, 1884. Conrad Icke, New South Wales—Icke's cupola oven or furnace for the treatment of pyrites and other ores or substances.
- L.R. No. 1469. 29th July, 1884. Edward Probert, United States--Improvements in ore smelting furnaces.
- L.R. No. 1531. 15th November, 1884. Thomas Gillespie, New South Wales—Improvements in blast furnaces.
- L.R. No. 1558. 30th December, 1884. John B. Gafford, New South Wales—An improved furnace for smelting ores.
- L.R. No. 1555. 80th December, 1884. John B. Gafford, New South Wales—An improved roasting furnace.
- L.R. No. 1582. 24th February, 1885. John Dye La Monte, New South Wales—Improvements in the construction of air-blast smelting furnaces.
- L.R. No. 1645. 27th July, 1885. Willis Gorman Dodd, United States— Improvements in water-jacket smelting furnaces.
- L.R. No. 1646. 27th July, 1885. William Henry Harrison, New South Wales—Improvements in smelting and producing alloys.
- L.R. No. 1650. 28th July, 1885. Conrad Icke, New South Wales-Icke's improved cupola oven or furnace for the treatment of pyrites and other ore substances.
- L.R. No. 1658. 4th August, 1885. William Blackmore, New South Wales—Improvements in reverberatory furnaces for smelting copper regulus.

- L.R. No. 1687. 21st September, 1885. John Dixon, Frederick James Blades, William Douglas, David Garlick, and William Malcolm, South Australia—Improvements in the process of smelting pyrites, and in the tuyeres of blast furnaces to be used for the purpose, comprising also a novel method and apparatus for feeding such furnaces.
- L.R. No. 1706. 22nd October, 1885. Thorsten Nordenfeldt, Great Britain—Improvements in furnaces for melting metals, and in the production of castings.
- L.R. No. 1889. 29th July, 1886. John William Cole, South Australia— Improvements in blast smelting furnaces.
- No. 8. 2nd August, 1887. John Richard Morpuss, Good-street, Granville, New South Wales—Improvements in furnaces for melting metals and for casting or founding.
- No. 825. 2nd August, 1888. David Hutton, Adelaide, South Australia—An improved method of calcining pyrites and other gold-bearing ores.
- No. 846. 7th August, 1898. Agard Hagman and Charles Soderberg, Sydney, New South Wales—Improvements in and relating to blast smelting furnaces for the treatment of silver and lead—such improvements being also applicable for use in connection with smelting furnaces of other descriptions.
- No. 1057. 7th November, 1888. John Howell, Waiorongomai, New Zealand Improvements in revolving tubular ore roasters.
- No. 1144. 27th December. 1888. Thomas Daniells Merton, Cunningar Works, Harden, New South Wales—Improvements in ore furnaces.
- No. 1179. 15th January, 1889. Edgar Hall, Sunny Corner, New South South Wales.—A method of and apparatus for separating the slags from the matte products of blast furnaces used in metallurgical operations.
- No. 1191. 18th January, 1889. Thomas Denny, Melbourne, Victoria, and William Roberts, Sydney, New South Wales.—Improvements in ore-roasting furnaces.

- No. 1243. 16th February, 1889. Charles Joseph Hodson, Sydney, New South Wales.—Improved reverberating rocking furnaces.
- No. 1519. 3rd July, 1889. John William Rock, Charles Gifford Moore, and Joseph Holden Wood, Sydney, New South Wales.—An improved method of smelting ores and such like, and improved apparatus therefor.
- No 1688. 9th September, 1889. George Edward Fulton, Adelaide, South Australia.—Improvements in the method of and apparatus for supplying the fuel and other material in smelting ores and minerals.
- No. 1827. 6th November, 1889. John Dixon, 3 Torrens-road, Ovingham, near Adelaide, South Australia.—Improvements in combined smelting of pyrites and in apparatus to be used therefor and therein.
- No. 1953. 9th January, 1890. Robert Florent Nenninger, Newark, Essex, New Jersey, United States.—Improvements in combined smelting and reverberatory furnace, and an apparatus for catching the dust and condensing the fumes from the furnace.
- No. 2559. 20th October, 1890. Francis Hylton Molesworth, Adelaide, South Australia.—Improvements in the construction of rotary furnaces for the calcination of sulphide and other ores.
- No. 2744. 19th January, 1891. Jose Baxeres Alzugaray, 123 Rua de Don Pedro, Oporto, Portugal.-Improvements in extracting metals from ores and metalliferous materials, and in furnaces or apparatus therefor.
- No. 2757. 20th January, 1891. John Musson, 72 Pitt-street, Sydney, New South Wales.—Central flue revolving calcinating furnace.
- No. 3199. 17th August, 1891. Joseph Brown, Prahran, Victoria.—Improved method of and apparatus for accelerating the combustion of fuel, specially applicable to steam boilers and smelting furnaces.
- No. 8353. 23rd October, 1891. Robert Bickersteth Jepson, 8 Clarence-street, Sydney.—Improvements in the construction of vertical mechanical furnaces for roasting sulphide and other pyrites ores.

- No. 3605. 19th February, 1892. John Bede Magney, Sydney, New South Wales.—Improvements in kilns for burning bricks and lime, and for calcinating ores.
- No. 3632. 8th March, 1892. Horace Fowler Brown, West Broadway, Butte, Silver Bow, Montana, United States.—Improvements in and relating to ore roasting furnaces.
- No. 3709. 22nd April, 1892. Charles Kimber, Clar, South Australia.— Improved means and apparatus for economising fuel and water in smelting with water jacket furnaces.
- No. 3789. 3rd June, 1892. Charles James Fauvel, 15 George-street, Mansion House, London, England.—An improved furnace and method for the treatment of refractory ores.
- No. 3823. 20th June, 1892. Edward Frederick Maleczek, Maurice Green, and George Frederick Keeley, Broken Hill, New South Wales.—Improved process for treating sulphide and other refractory ores for smelting purposes.
- No. 3913. 19th August, 1892. Edgar Arthur Ashcroft, Broken Hill, New South Wales—Improved mode of and apparatus for generating steam by the aid of molten slags from smelting and other furnaces.
- No. 4171. 10th December, 1892. Henry August Hunicke, Missouri, United States.—Improvements in smelting argentiferous or auriferous lead ores containing zinc.
- No. 4212. 9th January, 1893. John Howell and Edgar Arthur Ashcroft, both of Broken Hill, New South Wales.—An improved mode of and apparatus for generating steam by the aid of hot or molten slag from smelting or other furnaces.
- No. 4247. 25th January, 1893. Francis Boughton Kyngdon, 5 Elizabeth-street, Sydney, N.S.W.—A roasting furnace for antimony and other ores.
- No. 4302. 4th March, 1893. Richard Pearce, 1712, Sherman Avenue, City of Denver, county of Arapahoe, State of Colorado, U.S.A.—Improvements in and relating to ore roasting furnaces.

- No. 4380. 25th April, 1893. John Howell and Edgar Arthur Ashcroft, of Broken Hill, N.S W.—Improvements in apparatus for generating steam by the aid of hot or molten slag from smelting or other furnaces.
- No. 4478. 22nd June, 1893. Harry Wilson and James Ford Pearson, both of Broken Hill, N.S.W.—An improved mode of utilising the heat contained in the slag refuse, gases, and products from blast smelting and other furnaces.
- No. 4584. 21st August, 1893. Samuel Turner, Frederick-street, Alexandria, N.S.W.—An improved combined calcinating furnace and building.
- No. 4660. 5th October, 1898. Francis James Odling, Broken Hill, N.S.W. An improved method of calcinating, roasting or desulphurising ores and apparatus therefor.
- No. 4718. 8rd November, 1893. Thomas Edwards, Sebastopol, Ballarat, Victoria—Improvements in ore roasting furnaces.
- No. 5126. 25th June, 1894. Edgar Arthur Ashcroft, Himalaya, Thomasstreet, Broken Hill, New South Wales—An improved mode of and apparatus for generating steam by means of hot or molten slag or material from smelting or other furnaces.
- No. 5165. 10th July, 1894. Thomas Edwards, Sebastopol, Ballarat, Victoria—Improvements in furnaces for the roasting of ores and other purposes.
- No. 5389. 10th October, 1894. David Alexander Brown, Charters Towers, Queensland—An improved gravitating, regenerative, oxy-chlorinating, reverberatory furnace for roasting ores, especially those containing gold and silver.
- No. 5408. 22nd October, 1894. William Lawrence Austin, Denver, Colorado U.S.A.—Improvements in the methods of smelting.
- No. 5633. 23rd February, 1895. Carl Friedrich Claus, 88 Yeldham-road, Hammersmith, England—Improvements in the roasting of sulphide ores.

- No. 5780. 9th May, 1895. Parke and Lacy Company, San Francisco, California, U.S.A., and of Sydney, New South Wales—An improved roasting, chlorinating, and desulphurising furnace.
- No. 6542. 4th May, 1896. Emil Ernst Lungwitz, Brooklyn, New York, U.S.A.—Improvements in process and apparatus for reducing or smelting ores.
- No. 6868. 7th September, 1896. Cecil Clement Longridge, and George Thomas Holloway, London, England—Improvements in plant and process for smelting auriferous antimony ores.
- No. 6951. 7th October, 1896. William Rand Kenan (Younger), New York, U.S.A., but now of Sydney, New South Wales—Improvements in the method of and furnaces for electrically treating and smelting ores and other substances.
- No. 7024. 4th November, 1896. Manfield Newton, Sydney, New South Wales—Improvements in roasting and oxidising furnaces.
- No. 7053. 14th November, 1896. John Armstrong, Lynton-road, Acton, London W., England.—Improvements in the treatment of complex ores mattes, and the like, and furnaces therefor.
- No. 7485. 21st May, 1897. Edgar Hall, of the Silver Spur Mine, Stanthorpe, Queensland.—An improved method of and apparatus for charging smelting furnaces.
- No. 7805. 18th September, 1897. Robert Ferguson Strong, Victoria-street, London, England.—Improvements in the treatment of minerals for smelting and other purposes.

COPPER AND CUPREOUS ORES AND MATERIALS.

L.R. No. 1620. 16th June, 1885. Pierre Manhes, France.—Improvements in the treatment of copper ores and cupreous materials and in apparatus therefor.

- No. 18. 2nd August, 1887. Reginald Bradford Pell, James McCabe, both of Silverton, New South Wales, and Percival Austin Horn, Adelaide, South Australia, assignees of Samuel Robert Wilson.—Improvements in moulds for silver, lead, and bullion ores.
- No. 78. 19th July, 1888. John Musson, Sydney, New South Wales, Thomas Sterrey Hunt, Montreal, Canada, and James Douglas, New York, United States.—Improvements in the process of extracting copper from its ores.
- No. 1270. 25th February, 1889. John Andrew Henry Theodore Ranft and Edward Janitzky, Sydney, New South Wales.—An improved process of extracting copper from ores and products containing the same as sulphide.
- No. 1676. 2nd September, 1889. John Dye La Monte, Grand Hotel, Spring-street, Melbourne, Victoria. -- An improved process of treating calcined argentiferous copper matt.
- No. 3663. 17th March, 1892. Thomas Alexander Allan, Sydney, New South Wales.—An improved process of extracting copper from pyritic ores.
- No. 6898. 15th September, 1896. Walter Jalger Koehler, Broken Hill Club, New South Wales.—Improvements in the treatment of zinc and copper-bearing ores and materials.

COBALT, MANGANESE, AND NICKEL ORES AND TREATMENT.

- L.R. No. 1430. 27th May, 1884. John Clark, Great Britain.—Improvements in extracting cobalt, nickel, and manganese from their ores.
- L.R. No. 1446. 23rd June, 1884, John Clark, Great Britain.—Improvements in extracting nickel from its ores.

- L.R. No. 1496. 13th September, 1884. Henri Herrenschmidt, Marmaduke Constable, Francis Lord, and David Wilson, New South Wales.—
 Improvements in the extraction of cobalt, nickel, and manganese from their ores, and of nickel from its ores, where such ores are found in a similar condition to those of New Caledonia.
- L.R. No. 1536. 1st December, 1884. Henri Herrenschmidt, Victoria.—
 Improvements in the extraction of cobalt, nickel, and manganese from their ores.
- L.R. No. 1665. 17th August, 1885. William Adam Dixon and Felix August Ratte, New South Wales.—A new or improved process for extracting manganese, cobalt and nickel from their ores, and for the manufacture of sulphate of manganese.
- No. 655. 1st May, 1888. Michael Perry, Petersham, New South Wales.— Improvements in the extraction of cobalt from its ores.
- No. 1051. 2nd November, 1888. William Arthur Hills, Sydney, New South Wales.—Improvements in the extraction or separation of nickel and cobalt from ores containing the same.
- No. 2841. 2nd March, 1891. Ludwig Mond, Winnington Hall Northwich, Chester, England.—New or improved manufacture of nickel, and of articles of nickel or plated with nickel.
- No. 2861. 13th March, 1891. Fernand Rey, 147 Leadenhall-street, London, England, assignee of Henry Marbeau. -- Improvements in the manufacture of alloys of nickel with other metals.
- No. 3034. 6th June, 1891. Henri Louis Herrenschmidt, Petit Quevilly, near Rouen, France.—Improved processes for the treatment of silicated nickel ores and pyritic ores of nickel and copper with or without cobalt.
- No. 3307 2nd October, 1891. Henri Louis Herrenschmidt, Petit Quevilly, France. --Improvements in the treatment of certain matts and ores for the separation of nickel and cobalt from copper.

- No. 5147. 4th July, 1894. Pierre Manhes, 3 Rue Sala, Lyon, France.— Improvements relating to the treatment of nickel and cobalt ores.
- No. 6237. 11th January, 1896. Ludwig Mond, London, England.—Improvements in apparatus for treating nickel ores and other materials containing nickel with carbon monoxide, partly applicable to other purposes.

LEAD, ANTIMONY, TIN AND ZINC ORES AND MATERIALS.

- L.R. No. 1766. 6th February, 1886. Otto Meyer, Queensland—The direct converter process for the reduction of lead ores.
- No. 1572. 25th July, 1889. Albert Berwick Cunningham, Hebburn-on-Tyne, England -Improvements in the treatment of zinc ores.
- No. 1841. 12th November, 1889. Charles Anthony Burghardt, 35 Fountain-street, Manchester, Lancaster, England—An improved process for the recovery of tin from its ores.
- No. 8217. 26th August, 1891. Victor Vulliez, 52 Osborn-street, Williamstown, Victoria An improved process of treating refractory ores containing sulphides of lead and zinc.
- No. 3409. 17th November, 1891. Adolphus Oppenheimer, 231 Macquarie-street, Sydney, New South Wales—An improved process of treating auriferous antimony ore for facilitating the extraction of the gold and the production of metallic antimony therefrom.
- No. 3661. 17th March, 1892. Walter Smythe Bayston, 131 William-street, Melbourne, Victoria—An improved process for desilverizing argentiferous lead.
- No. 3718. 28th April, 1892. Parker Cogswell Cnoate, New York, United States—Improvements in the art of producing metallic zinc.

- No. 4206. 21st December, 1892. John Jones, Carlton, Victoria—An improved method of and apparatus to be used in treating refractory lead sulphide ores.
- No. 4263. 6th February, 1898. Parker Cogswell Choate, New York City, State of New York, U.S.A.—Improvements in the art of producing metallic zinc.
- No. 4816. 3rd January, 1894. John Dixon and Frederick James Blades, Adelaide, South Australia.—Improvements in the extraction of lead and silver from some of their ores and for improved apparatus to be used therein.
- No. 5138. 29th June, 1894. Jonathan Aldous Mays, 1 Delsize-terrace, Hamstead, London, England—Centrifugal apparatus for separating metals from and purifying molten lead.
- No. 5072. 29th May, 1894. Parker Cogswell Choate, City County and State of New York, U.S.A.—Improvements in the art of preparing solutions carrying salts of zinc.
- No. 5263. 22nd August, 1894. Parker Cogswell Choate, City County and State of New York, U.S.A.—Improvements in the art of producing metallic zinc.
- No. 5276. 25th August, 1894. Alice Macdonald, 13 Ladbroke Grove, Notting Hill, County of London, England—A process for obtaining metallic lead and white lead pigment from lead sulphide.
- No. 5817. 28th May, 1895. Cornelius Partridge, Burwood, near Sydney, New South Wales—Improvements in or connected with the electro-deposition of zinc or zinc compounds and the treatment of the deposited metal or compounds.
- No. 6008. 26th August, 1895. Edward Waters, 131 William-street, Melbourne, Victoria—Improvements in the electrolytic production of zinc from its ores, and apparatus therefor.
- No. 6064. 16th September, 1895. William Henry Moseley, Sydney, New South Wales—An improved process for the manufacture of zinc oxide.

- No. 6075. Henry Ryan Lewis, London, and Charles Gelstharp, Newcastle-on-Tyne, England—Improvements relating to the treatment of ores con taining blende or zinc in association with gold, silver, lead, copper, antimony, sulphur, and other metals or metalloids and to apparatus therefor.
- No. 6108. 3rd October, 1895. Robert Christopher Beveridge, Sydney, New South Wales.—Improvements in the treatment of dry silver lead ores.
- No. 6161. 81st October, 1895. Douglas Williamson Bayne, Bendigo, Victoria—An invention for the treatment of ores containing zinc.
- No. 6268. 14th December, 1895. Richard Ottokar Lorenz, Göttingen, German Empire.—Process and apparatus for the production of zinc and lead by electrolysis of the melted chlorides.
- No. 6293. 23rd December, 1895. Carl Friedrich Claus, Hammersmith, England.—Improvements in and relating to the recovery of oxide of zinc from solutions of zinc sulphate obtained in the treatment of ores containing zinc sulphide.
- No. 6437. 7th March, 1896. Edward Waters, Melbourne, Victoria.—A process for the electrolytic production of zinc from its ores.
- No. 6535. 28th April, 1896. Ernest Govett, Melbourne, Victoria.—An improved process of and apparatus for the extraction from their ores, of gold, silver, p'atinum, and other metals having an affinity for lead.
- No. 6672. 27th June, 1896. Charles Anthony Berghardt, Manchester, and Gilbert Rigg, Lancaster, England.—Improvements in the method of and means for the production of metallic zinc from ores of zinc, or metallic zinc and metallic copper from zinc ores containing copper or metallic copper from copper ores with resultant production of oxygen gas.
- No. 6710. 9th July, 1896. Ernest Frederick Turner, Adelaide, South Australia. -- Improvements in the treatment of zinciferous ores.
- No. 6720. 11th July, 1896. Farnham Maxwell Lyte, London, England.— Improvements in and connected with the production of chlorine and zinc.

- No. 6737. 22nd July, 1896. Edgar Arthur Ashcroft, Newcommen-street, Newcastle, New South Wales.—Improvements in the treatment of solutions or ores containing zinc for the recovery of zinc as oxide.
- No. 6741. 24th July, 1896. Bernard Mohr, 69a Parliament Hill, Hamp-stead, Middlesex, England.—Treatment of sulphide ores for the separation of zinc from the lead and other metals.
- No. 6756. 31st July, 1896. William H. Howard, Puelbo, State of Colorado, U.S.A.—A process and apparatus for separating from the zinc-silver alloy obtained in desilverising silver-lead bullion by means of zinc the surplus lead.
- No. 6786. 13th August, 1896. Dr. Wilhelm Hampe and Dr. Carl Schnabel, Hanover, Germany.—Improvements in the manufacture of zinc oxide.
- No. 6315. 19th August, 1896. Edgar Arthur Ashcroft, Melbourne, Victoria.—Improvements in the treatment of compounds or ores containing zinc.
- No. 6871. 7th September, 1896. James Woolford, London, England.—A process for extracting precious metals from refractory ores by means of antimony and for recovery of the antimony employed.
- No. 7115. 10th December, 1896. William Adam Dixon, Sydney, New South Wales.—Improvements in the decomposition of sulphate of sulphite of zinc.
- No. 7436. 1st May, 1897. Wilhelm Hampe, of Clausthal University, Clausthal, Hanover, Germany.—Improvements in the manufacture of zinc pigments.
- No. 7675. 4th August, 1897. Thomas John Greenway, Marlborough-street, College Park, Adelaide, South Australia.—An improved process for the treatment of certain zinciferous ores and products containing lead and silver.

MINING--METHODS AND APPARATUS FOR SURFACE AND UNDERGROUND WORKING.

- L.R. No. 1372. 22nd January, 1884. Joseph Husband and William Wright, New South Wales-Improvements in machinery for sinking shafts and for tunnelling under water or through treacherous grounds.
- L.R. No. 1455. 8th July, 1884. William Wright, Victoria—An improved coupling for the rods of those boring machines whose rods have a jumping motion.
- L.R. No. 1481. 19th June, 1884. Norman Selfe, New South Wales—Improvements in and for boring in the earth.
- L.R. No. 1521. 22nd October, 1884. Arthur Henderson Robinson, New South Wales—Improvements in apparatus or machines for boring the ground for water or other purposes.
- L.R. No. 1571. 3rd February, 1885. John Storer, New South Wales— Improvements in the methods of winning gold and silver.
- L.R. No. 1619. 16th June, 1885. Frederick Hermann Poetsch, German Empire—Improvements in the means and apparatus or appliances for facilitating the sinking of shafts, pits, or borings in aqueous strata or under water.
- L.R. No. 2002. 19th January, 1887. Eugene Moreau, United States—A machine for drilling rock and similar purposes.
- L.R. No. 2024. 2nd March, 1887. Henry Rowley, Victoria—Improvements in machinery for cutting, dressing, turning, and boring stone.
- L.R. No. 2057. 14th April, 1887. Henry Clarke Sergeant, United States
 —Improvements in rock drills.

- L.R. No. 2096. 30th July, 1887. Thomas Grace, New South Wales— Improved ventilating apparatus for mining, &c.
- No. 92. 9th August, 1887. William Sayer, Ashfield, New South Wales—An improved contrivance for breaking down coal, &c., in mines.
- No. 181. 13th September, 1887. George Chessell, Kyneton, Victoria-Improvements in safety mining and other cages.
- No. 283. 22nd October, 1887. George Dexter Whitcomb, Alosta Los Angeles, California, United States—Improvements in mining machines,
- No. 358. 28th November, 1887. George Lansell, Fortuna Crushing Works, Sandhurst, Victoria—Improvements in apparatus for equalising the strain on winding gears, such are used in mining shafts and warehouse lifts.
- No. 407. 28rd December, 1887. Thomas Henderson, Sydney, New South Wales—Improved pitching and gauging contrivances for attachment to punching and drilling machines.
- No. 1094. 28th November, 1888. Benjamin-Harvey Bennetts, One-Mile Creek, Gympie, Queensland—Improvements in the ventilation of mine workings and apparatus therefor.
- No. 1165. 7th January, 1889. John Scarisbrick Walker, Thomas Ashcroft Walker, and Edwin Robert Walker, Pagefield Ironworks, Wigan, Lancaster, England—Improvements in or appertaining to ventilating fans for mines, tunnels, and the like.
- No. 1242. 15th February, 1889. Joshua Hendy, 51 Fremont-street, San Francisco, California, United States—Improvements in hydraulic mining apparatus.
- No. 1359. 15th April, 1889. Stanley Frederick Stokes, Leichhardt, New South Wales—Improvements in machines for use in the obtainment of coal, shale, freestone, and such like.

- No. 1393. 4th May, 1889. Benjamin Burlinson, Leslie Arnott, and Thomas John Evans, Newcastle, New South Wales An improved safety catch for mining cages, elevators, and such like.
- No. 1403. 8th May, 1889. Cæsar Mozzini, Hillston, New South Wales— Improvements in cages for mines.
- No. 1556. 24th July, 1889. Theophilus Coad, Forest Gate, Essex, England—An improved miner's portable electric incandescent safety lamp.
- No. 1748. 8th October, 1889. Dugald Cameron Carmichael, Wanaaring, New South Wales.—An improved boring tool or bit.
- No. 1791. 28th October, 1889. Henry Beecher Dierdoriff, Columbus, Franklin, Ohio, United States. Improvements in and relating to mining machines.
- No. 2004. 8th February, 1890. Archibald Gardiner, Hamilton, New South Wales, and Matthew Smith, Mount Kembla Colliery, New South Wales.

 —An improved portable apparatus to be used for cutting coal and other minerals.
- No. 2027. 18th February, 1890. Edward Waters, 131 William-street, Melbourne, Victoria.—Improvements in mining machines.
- No. 2452. 30th August, 1890. James Thorne, London, England.—Improvements in and relating to safety lamps.
- No. 2803. 13th February, 1891. Hugh William Waddle, Bryn Tesog, Llanelly, Carmarthen, Wales. -Improvements in fans for ventilating mines or tunnels, or for analogous purposes.
- No. 2954. 29th April, 1891. James Smith Leigh and John Joss Patterson, Sydney, New South Wales.—An instrument for obtaining a reversible motion in dealing with artesian tubes.
- No. 3074. 25th June, 1891. Joseph Husband and William Wright, Sydney, New South Wales.—Improvements in certain descriptions of rotary rock drilling-machines.

- No. 3082. 27th June, 1891. Reginald Stanley, Nuneaton, Warwick, England.—Improvements in and relating to tunnelling and mining machines.
- No. 3211. 24th August, 1891. Charles Cummings, 453 East Eleventh-street, Oakland, Alameda County, California, United States.—Improvements in and relating to apparatus for transmitting power by means of compressed air, and utilising said power in operating rock drills and other machinery.
- No. 3266. 17th September, 1891. William Errington, Bourke-street, Melbourne, Victoria-—Automatic stone-cutting and stone-dressing machinery.
- No. 3658. 17th March, 1892. Walter Thomas Goolden, Llewelyn Birchall Atkinson, and Claude William Atkinson, London, England.—Improvements in machinery for cutting coal or other minerals, driven by electricity.
- No. 3659. 17th March, 1892. Walter Thomas Goolden, Llewelyn Birchall Atkinson, and Charles William Atkinson, London, England.—An improved system of electrically-driven coal and mineral cutting machinery.
- No. 3768. 23rd May, 1892. Percy John Ogle, 4 Bishopsgate-street, Within, London, England.—Improvements in and connected with percussive drilling machines.
- No. 3794. 4th June, 1892. Milan Constant Bullock, 1187 Washington Boulevard, Chicago, Cook, Illinois, United States.—Improvements n the art of rock drilling.
- No. 3845. 6th July, 1892. David Wilson, Goulburn, New South Wales assignee of Michael James Dempsey.—Improved method of and apparatus for the ventilation, and in some cases the disinfection, of sewers mines, &c.
- No. 4812. 10th March, 1893. Olaf Terp, Forrest Hill, County of Surrey England.—Improvements in apparatus for drilling or boring rock, metals or other hard substances.

- No. 4601. 31st August, 1898. William Addison Howe, Carlton, County of Yam Hill, Oregon State, U.S.A.—Earth augurs.
- No. 4715. 6th November, 1893. Frederick Hurd, Manygates Park, Wakefield, Yorkshire, and 11 Grittleton-road, St. Peter's Park, County of Middlesex, England.—Improvements in and connected with coal cutting and like machines.
- No. 4908. 7th March, 1894. Isaac Wautling, James Johnson, and Eugene Zimmerman, U.S.A.—Coal cutting machines.
- No. 4947. 30th March, 1894. John Featon, Auckland, New Zealand.— Improved method and apparatus for ventilating mines or underground workings.
- No 5279. 27th August, 1894. The Ingersoll-Sergeant Drill Company, a corporated organised under the laws of the State of West Virginia, U.S.A., and having its principal business office at 23 Cortlandt-street, City and State of New York, U.S.A.—Improvements in rotating devices for rock drills.
- No. 5298. 4th September, 1894. Henry Montague Meredith, Mookisprings, Quirindi, New South Wales—Improvements in apparatus for boring and drilling earth and rock.
- No. 5395. 17th October, 1894. William Troutbeck, Patrick-street, Stawell, Victoria—Improvement in rock drills.
- No. 5409. 22nd October, 1894. John Cox, Broadway, New Glenelg, S. A. —A cylindrical bucket and cutter for excavating and lifting material from a bore.
- No. 5495. 6th December, 1894. Francis Harley Davis, 29 Fink's Buildings, Elizabeth-street, Melbourne, Victoria.—Improvements in core-boring apparatus, cutting tools for the same, and in the mode of gripping and raising cores.
- No. 5545. 15th January, 1895. George Belle Jones and Harvey Pierce Jones, of Denver, County of Avapahoe, State of Colorado, U.S.A.—Improvements in rock drills.

BLASTING AND EXPLOSIVES.

- L. R. 1894. 18th February, 1884. Robert Punshon and Robert Robinson Vizer, Great Britain.—An improved method of and apparatus for utilizing an explosive compound for blasting and other purposes.
- L.R. No. 1529. 15th November, 1884. Michael Cock, Victoria.—An improved coating for explosive compounds and cartridges.
- L.R. No. 1676. 27th August, 1885. Hermann Lisch, Austro-Hungary.— Improvements in the manufacture of explosive compounds.
- L.R. No. 1858. 10th June, 1886. Deutsche Sprengstoff Action Gesellschaft, Germany.—An improvement in explosive compounds.
- L.R. No. 2027. 2nd March, 1887. George John Smith, Great Britain.—
 Means of rendering the coating of fuses incombustible.
- L.R. No. 2079. 12th May, 1887. Miles Settle, Great Britain.—Improvements in the means of blasting or rending coal rock minerals, &c.
- No. 11. 2nd August, 1887. Alfred Nobel, 53 Avenue Malakoff, Paris, France.—Improvements in explosives, and in the use of explosives, especially in shells and torpedoes.
- No. 236. 4th October, 1887. Carl Roth, Berlin, Russia, German Empire.—Improvements in the manufacture of explosives.
- No. 600. 9th April, 1888. Rudolf Sjoberg, Stockholm, Sweden.—A new or improved explosive.
- No. 619. 14th April, 1888. Carl Albert Falstedt, Phillip-street, Sydney, New South Wales.—An improved safety explosive compound.
- No. 625. 18th April, 1888. Maxime Emanuel James Labat de Lambert, Newtown-road, Sydney, New South Wales.—Improvements in explosive compounds.
- No. 784. 18th June, 1888. La Compagnie Generaledes Explosifs Favier, 24 Rue des Douze Apotres, Brussels, Belgium, assignees of Arthur Favier.—Improvements in the manufacture of explosives and in cartridges formed of or containing such explosives.

- No. 766. 9th July, 1888. The Flameless Explosive Company, Limited, 35 New Broad-street, London, England, assignees of Hermann Schoeneweg.—Improvements in explosive compounds and safety cartridges for blasting purposes.
- No. 922. 3rd September, 1888. Edward Grune, Unterluss, Hanover, Germany.—An improved manufacture of Kieselguhr dynamite.
- No. 1136. 21st December, 1888. Edward Waters, 75 Chancery-lane, Melbourne, Victoria.—Improvements in explosive compounds.
- No. 1176. 15th January, 1889. Alfred Nobel, 53 Avenue Malakoff, Paris, France.—Improvements in the manufacture of explosives.
- No. 1538. 12th July, 1889. Wilbraham Evelyn Liardet, Cambris, Darling-street, Balmain, New South Wales.—Improvements in the manufacture of an explosive compound.
- No. 1567. 24th July, 1889. Frederick Hall Snyder, Jersey City, New Jersey, United States. -Improvements in and relating to explosive and other projectiles or shells.
- No. 1649. 23rd August, 1889. Carl Olof Lundholm, Steventon, Ayr Scotland. Improvements in the manufacture of dynamite.
- No. 1689. 9th September, 1889. Paul Giffard, Paris, France—Improvements in and relating to guns, projectiles, or shells, and mining or blasting cartridges.
- No. 1720. 25th September, 1889. Frederick Augustus Abel, 1 Adamstreet, Adelphi, London, England, and James Dewar, 1 Scroop Terrace, Cambridge, England—Improvements in explosives.
- No. 2023. 17th February, 1890. Llewellyn Charles Russell-Jones, Sydney, New South Wales, assignee of Francis Joseph Spence.—An improved process, or mode of, manufacturing certain classes of explosive compounds.

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- No. 2063. 3rd March, 1890. Robert Halket Punshon, 172 Fleet-street, London, England—Improvement in explosive compounds.
- No. 2113. 26th March, 1890. Carl Olof Lundholm and Joseph Sayers, Stevenston, Ayr, Scotland.—Improvements in making and applying explosives.

N.S.W, MINING PATENTS.

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- No. 2354. 24th July, 1890. John Cope Butterfield, and Telford Clarence Bachelor, London, England—Improvements in or relating to mining or explosive cartridges.
- No. 2478. 16th September, 1890. Manfield Newton, Sydney, New South Wales—An improved mode of manufacturing a new or improved safety explosive.
- No. 2634. 24th November, 1890. Alfred Noble, 58 Avenue Malakoff, Paris, France—Improvements in the manufacture and application of explosive compounds.
- No. 3607. 23rd February, 1892. Richard Arthur Harvey, Sydney, New New South Wales—Improvements in explosive compounds.
- No. 3876. 22nd July, 1892. John Storer, 29 Bligh-street, Sydney, New South Wales—Improvements in the manufacture of explosives.
- No. 3885. 27th July, 1892. Giuseppe Garibaldi Turri, Melbourne, Victoria—Improvements in explosive compounds.
- No. 4559. 10th August, 1893. William Adams, the younger, Broken Hill, N.S.W.—A new compound and manufacture of high explosives.
 - No. 4712. 2nd November, 1893. John Alston Wallace, Collins-street, Melbourne, Victoria.—An improved safety explosive, and method or process of manufacturing the same.
- No. 5080. 1st June, 1894. Abraham Wilhelm Schwarz, Leipzig-Plagwitz, Kingdom of Saxony, German Empire.—An improved mode of and apparatus for rock blasting by means of chloride of nitrogen.
- No. 5866. 22nd June, 1895. Frederick Walter Bawden, Klerksdorp, South African Republic.—An improved explosive.
- No. 6260. 11th December, 1895. Benjamin Cory Pettingell, Victoria, British Columbia, Canada. -- Improvements in and in the manufacture of blasting powder.
- No. 7687. 7th August, 1897. Ernest Auguste, George Street, 91 Boulevard Beaumarchais, Paris, France.—Improvements in or relating to the manufacture of explosives and explosive substances.



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